

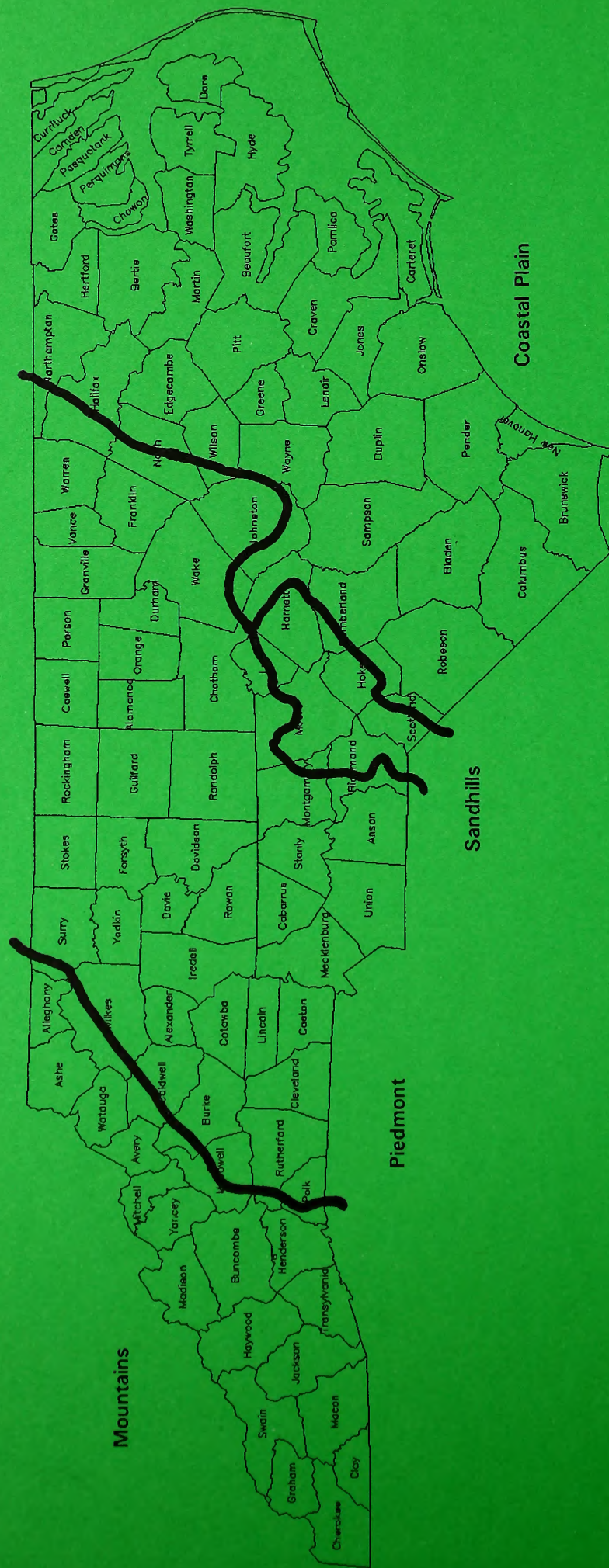
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NATURAL HERITAGE PROGRAM LIST OF THE RARE PLANT SPECIES OF NORTH CAROLINA



Compiled By
Alan S. Weakley,
Botanist

North Carolina Natural Heritage Program
Division of Parks and Recreation
N.C. Department of Environment, Health, and Natural Resources 1993



THE COUNTIES AND PHYSIOGRAPHIC PROVINCES OF NORTH CAROLINA

NATURAL HERITAGE PROGRAM LIST OF THE RARE PLANTS OF NORTH CAROLINA*
1993 Edition

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NATURAL HERITAGE PROGRAM LIST OF THE RARE PLANTS OF NORTH CAROLINA	1
VASCULAR PLANTS	9
MOSSES	36
LIVERWORTS	40
HORNWORTS	43
LICHENS	43
SUPPLEMENT TO THE NATURAL HERITAGE PROGRAM LIST OF THE RARE PLANTS OF NORTH CAROLINA	45
NORTH CAROLINA PLANT WATCH LIST	46
VASCULAR PLANTS	48
MOSSES	71
LIVERWORTS	71
HORNWORTS	73
LICHENS	73
REGIONALLY RARE PLANT (WITHIN-STATE DISJUNCT) LIST	74
POTENTIAL NEW TO NORTH CAROLINA PLANTS	76

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* This list is dynamic, being revised frequently as further data become available. *If you are using a copy of this list which is more than a year old* (check the edition date at the top of the first page), *it may be out of date and you should contact the Natural Heritage Program for important updates.* Further information on these species may be obtained by contacting the North Carolina Natural Heritage Program, Division of Parks and Recreation, Department of Environment, Health, and Natural Resources, P.O. Box 27687, Raleigh, NC 27611-7687 or the North Carolina Plant Conservation Program, Department of Agriculture, P.O. Box 27647, Raleigh, NC 27611-7647.



NATURAL HERITAGE PROGRAM LIST OF THE RARE PLANTS OF NORTH CAROLINA

North Carolina has an exceptionally rich and diverse flora, consisting of about 5600 species of gymnosperms, dicots, monocots, ferns, fern allies, mosses, liverworts, hornworts, and lichens. North Carolina's flora includes boreal plants, more typical of Canada, on the high peaks of the Southern Appalachians, subtropical plants (including palms) in the maritime climate of the barrier islands, tropical ferns, mosses, and liverworts around waterfalls in humid mountain gorges, as well as more typical and characteristic species of the Southeastern North American coastal plain, piedmont, and Southern Appalachian Mountains. In addition to those mentioned above, some of the more notable habitats of rare or endemic plants in North Carolina include longleaf pine savannas, mountain bogs and fens, sandhills, piedmont glades and prairie-like savannas, mountain cove forests, coastal plain limesinks, granite flatrocks, and pocosins. The diverse native flora of North Carolina is a rich part of our natural heritage, worthy of protection for environmental, scientific, economic, aesthetic, and moral reasons.

The North Carolina Natural Heritage Program, as part of its mission to preserve the biological diversity of North Carolina, maintains a systematic inventory of all known locations of rare species. The following list of rare plant species, monitored by the N.C. Natural Heritage Program, includes 722 species. All plant species native to North Carolina which are officially recognized by federal or state agencies as protected or otherwise rare are included on this list. This list incorporates the most recent federal status of rare plants, as determined by the U.S. Fish and Wildlife Service and published in the Federal Register on February 21, 1990, (with later amendments current to May 10, 1993). The *Natural Heritage Program List of the Rare Plants of North Carolina* also includes North Carolina legal status information from the most recent version of the *List of North Carolina's Endangered, Threatened and Candidate Plant Species*, published in February 1990 by the N.C. Plant Conservation Program, which includes discussion of and information on the legal status of Endangered (E), Threatened (T), Candidate (C), and Special Concern (SC) species. The *North Carolina Plant Watch List* includes an additional 472 species, which appear to be rare enough to be of conservation concern in North Carolina, but which are not currently inventoried by the N.C. Natural Heritage Program, and are not legally protected or active candidates for legal protection by the U.S. Fish and Wildlife Service or North Carolina Plant Conservation Program.

The North Carolina Natural Heritage Program takes the lead role in North Carolina in the inventory of the state's natural diversity, the identification of important natural areas and rare species habitats, and the protection and management of natural areas. It serves as the state's data bank of locality information of natural areas and rare and endangered plant and animal species. It conducts environmental reviews of projects involving state or federal permits or monies, to minimize negative impacts on North Carolina's natural areas and rare species. Many species which lack formal, legal protection are nonetheless imperiled in North Carolina. Therefore, the Natural Heritage Program collects data on species in addition to the three categories of protected plants (Endangered, Threatened, and Special Concern). These additional rare species are placed in three other categories of rare plants: Candidate (C), Significantly Rare (SR) and Watch List (W). Definitions of all status categories are listed below, under "North Carolina Status."

The North Carolina Plant Conservation Program, a unit of the Department of Agriculture, is the agency responsible for the listing and protection of North Carolina's endangered and threatened plants, under provisions of the North Carolina Plant Protection and Conservation Act of 1979 (General Statutes, Article 19B, 106: 202.12-22), as amended. The Plant Conservation Program acts under the direction of a Plant Conservation Board and with the advice of a Scientific Committee to maintain and revise the state lists of protected (Endangered, Threatened, and Special Concern) plant species, to investigate protection needs and survival requirements of native plants, to carry out conservation programs, to make and enforce regulations, and to issue permits concerning protected plants. The 80 plant species currently listed as Endangered and Threatened in North Carolina and 341 species that are candidates for listing are published in the *List of North Carolina's Endangered, Threatened and Candidate Plant Species: February 1990* (with amendments), available from the Plant Conservation Program (address at bottom of title page). That publication also lists North Carolina's Special Concern species and explains regulations and permits regarding protected plants. In general, removal of Endangered or Threatened plants from the wild and their

sale or distribution is illegal. Particular regulations concerning collection, propagation, and sale apply to those species (Endangered, Threatened, or otherwise) listed as Special Concern.

Federally listed species are protected by the Endangered Species Act of 1973, as amended. The Fish and Wildlife Service of the U.S. Department is the federal agency responsible for listing and protecting nationally endangered and threatened species. As of April 1993, there are 24 plant species federally listed as Endangered or Threatened which occur in North Carolina, and one additional species which has been formally proposed for listing. These species are distributed throughout the state, in about half of North Carolina's hundred counties. In addition, about a hundred species are active candidates for listing.

These three agencies work cooperatively to ensure the continued survival of all of North Carolina's rich flora.

NUMBER OF PLANT TAXA WITH THE INDICATED STATUS¹
(as of May 25, 1993)

GROUP	TOTAL NUMBER IN THE STATE	N.C. STATUS					U.S. STATUS			
		E	T	C	SC	SR	E	T	C1	C2
Flowering Plants	4150	74	29	237	17	186	17	7	3	86
Ferns and Other Vascular Cryptogams	108	5	4	14	2	10	-	-	-	3
Gymnosperms	28	-	-	2	-	1	-	-	-	1
Mosses	439	3	1	35	-	31	-	-	1 ²	8
Liverworts	225	1	-	45	-	20	-	-	1 ³	15
Hornworts	9	-	-	2	-	-	-	-	-	-
Lichens	650	-	1	7	-	14	-	-	-	-
Total	5609	83	35	342	19	262	17	7	5	113

ACKNOWLEDGMENTS. Special thanks are given to Lewis Anderson for assistance with the moss list, Marie Hicks and Paul Davison for assistance with the liverwort and hornwort lists, and Karin Heiman and Sherry Pittam for assistance with the lichen list. The list of people who have assisted in the preparation of the vascular plant list, provided information to the Natural Heritage Program on rare species occurrences, or otherwise contributed to our understanding of the rare flora of the state are too many to mention, but a partial list of recent contributors is: Jim Allison, Lewis Anderson, Fred Annand, Janis Antonovics, Andy Ash, Mike Baranski, Larry Barden, Allen Belden, Millie Blaha, Joyce Bland, Sam Bland, Marj Boyer, Allen Boynton, Anne Margaret Braham, Alvin Braswell, Richard Broadwell, Margit Bucher, Ann Burruss, Carin Caljouw, Jay Carter, John Churchill, Roy Coomins, Susan Corda, Bill Culberson, Bob Currie, Barry Dalton, Paul Davison, Bob Dellinger, John DeLong, David Demont, Kathy Doyle, Dave Dumond, Judy Dunscomb,

¹includes species, as well as valid unique varieties and subspecies

²includes 1 C1 *

³includes 1 C1 *

Murray Evans, Dick Everhart, Elisabeth Feil, Vonda Frantz, Shawn Fraver, Cecil Frost, Chris Frye, John Fussell, Chick Gaddy, Tom Govus, Sharon Gowan, Ben Hafer, Derek Halberg, Steve Hall, John Hammond, Jim Hardin, Ed Harrison, Paul Hart, Karin Heiman, Carol Henry, Dennis Herman, Marie Hicks, Tracy Hippensteel, Frank Hirst, Erich Hoffman, Hal Horwitz, Paul Hosier, Tom Howard, Claudia Jolls, Ronald Jones, Charlotte Jones-Roe, John Kartesz, Gary Kaufman, Catherine Keever, Ann Kelly, Lisa Kelly, Benson Kirkman, Bob Kral, Steve Kroeger, Michael Lane, Keith Langdon, Norman Lantz, Julia Larke, Richard LeBlond, Harry LeGrand, Steve Leonard, Frosty Levy, Mary Lipscomb, Chris Ludwig, Merrill Lynch, Laura Mansberg, Jim Massey, Jim Matthews, Carol Mayes, Bob McCartney, Don McLeod, Brian Mhlbachler, Brent Mishler, Laura Mitchell, Julie Moore, Carol Ann Moorhead, Craig Moretz, Bill Moye, Zack Murrell, John Nelson, Carl Nordman, Shawn Oakley, Doug Ogle, Tom Patrick, Karen Patterson, Linda Pearsall, Bob Peet, Ruby Pharr, Mark Pistrang, Dan Pittillo, Bert Pittman, Ann Prince, Liz Pullman, Jim Pullman, Milo Pyne, Frank Randall, Johnny Randall, Tom Rawinski, Doug Rayner, Pam Robinson, Don Robison, Janet Rock, Mary Russo, Dawson Sather, Bruce Saunders, Mike Schafale, Ed Schell, Rick Schneider, Terry Schultz, Steve Schulze, Janet Shipley, Dave Sieren, Ellen Simms, Steve Simon, Alan Smith, Arthur Smith, Gerald Smith, Inge Smith, Tom Smith, David Snyder, Paul Somers, Bruce Sorrie, Jon Stucky, Rob Sutter, Ed Swab, John Taggart, Annette Taylor, Kent Turner, Brian VanEerden, Donna Ware, Tom Wentworth, Peter White, Tom Wieboldt, Bob Wilbur, Susan Wiser, Gene Wofford, Donna Wright, and other participants in work of the N.C. Vegetation Survey.

LIST FORMAT. Species are grouped into five groups: Vascular Plants, Mosses, Liverworts, Hornworts, and Lichens. They are listed alphabetically by scientific name within each group. The following information is presented for each species on the list.

Scientific Name. Taxonomy and nomenclature of vascular plants (dicots, monocots, gymnosperms, ferns, and fern allies) generally follow A.S. Weakley, L.E. Anderson, M.L. Hicks, and J.A. Kartesz's *A Checklist of the Vascular Flora and Bryophytes of North Carolina* (in prep.) and J.A. Kartesz's *Synonymized Checklist of the Vascular Flora of the United States, Canada, and Greenland* (1993). Scientific authorities for names have been omitted to save space, but follow Weakley *et al.* (in prep.) and Kartesz (1993). Where this differs from the treatment in A.E. Radford, H.E. Ahles, and C.R. Bell's *Manual of the Vascular Flora of the Carolinas* (1968), the name used in that work is indicated in parentheses. In a small number of cases, other commonly used synonymy is also indicated. If the species was not treated in Radford, Ahles, and Bell and cannot be identified using that manual, the notation "(not in RAB)" follows the scientific name. If the species is treated in Radford, Ahles, and Bell, but was not indicated as occurring in North Carolina, the notation "(not in NC in RAB)" follows the scientific name. Taxonomy and nomenclature of nonvascular plants (mosses, liverworts, hornworts, and lichens) generally follow L.E. Anderson, H.A. Crum, and W.R. Buck's *List of the Mosses of North America North of Mexico* (Bryologist 93: 448-499 [1990]), L.E. Anderson's *A Checklist of Sphagnum in North America North of Mexico* (Bryologist 93: 500-501 [1990]), H.A. Crum and L.E. Anderson's *Mosses of Eastern North America* (1981), R. Schuster's *The Hepaticae and Anthocerotae of North America east of the Hundredth Meridian* (1966, 1969, 1974, 1980, and 1992), M.L. Hicks's *Liverworts of the Mountains of North Carolina* (1982), M.L. Hicks's *Guide to the Liverworts of North Carolina* (1992), M.L. Hicks and P.G. Davison's *Some Rare, Endemic, and Disjunct Liverworts in North Carolina* (Castanea 54: 255-261 [1989]), R.S. Egan's *A Fifth Checklist of the Lichen-forming, Lichenicolous and Allied Fungi of the Continental United States and Canada* (Bryologist 90: 77-173 [1987]), and M.E. Hale's *How to Know the Lichens, Second Edition* (1979).

Common Name. A common name is provided for the convenience of the user. Common names for plants are not standardized, and many plants have no entirely satisfactory common name.

North Carolina Status. Endangered, Threatened, and Special Concern species have legally protected status in North Carolina through the Plant Conservation Program. The Natural Heritage Program maintains computer and map files on Endangered, Threatened, Candidate, and Significantly Rare species; paper files are maintained on Watch List species.

STATUS CODE	STATUS	DEFINITION
E	Endangered	"Any species or higher taxon of plant whose continued existence as a viable component of the State's flora is determined to be in jeopardy" (GS 19B 106: 202.12). (Endangered species may not be removed from the wild except when a permit is obtained for research, propagation, or rescue which will enhance the survival of the species.)
T	Threatened	"Any resident species of plant which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range" (GS 19B 106:202.12). (Regulations are the same as for Endangered species.)
SC	Special Concern	"Any species of plant in North Carolina which requires monitoring but which may be collected and sold under regulations adopted under the provisions of [the Plant Protection and Conservation Act]" (GS 19B 106:202.12). (Special Concern species which are not also listed as Endangered or Threatened may be collected from the wild and sold under specific regulations. Propagated material only of Special Concern species which are also listed as Endangered or Threatened may be traded or sold under specific regulations.)
C	Candidate	Species which are very rare in North Carolina, generally with 1-20 populations in the state, generally substantially reduced in numbers by habitat destruction (and sometimes also by direct exploitation or disease). These species are also either rare throughout their ranges (fewer than 100 populations total) or disjunct in North Carolina from a main range in a different part of the country or world. Also included are species which may have 20-50 populations in North Carolina, but fewer than 50 populations rangewide. These are species which have the preponderance of their distribution in North Carolina and whose fate depends largely on their conservation here. Also included are many species known to have once occurred in North Carolina but with no known extant occurrences in the state (historical or extirpated species); if these species are relocated in the state, they are likely to be listed as Endangered or Threatened. If present land use trends continue, candidate species are likely to merit listing as Endangered or Threatened.

SR	Significantly Rare	Species which are very rare in North Carolina, generally with 1-20 populations in the state, generally substantially reduced in numbers by habitat destruction (and sometimes also by direct exploitation or disease). These species are generally more common somewhere else in their ranges, occurring in North Carolina peripherally to their main ranges, mostly in habitats which are unusual in North Carolina. Also included are some species with 20-100 populations in North Carolina, if they also have only 50-100 populations rangewide and are declining.
W	Watch List	Any other species believed to be rare and of conservation concern in the state but not warranting active monitoring at this time (see the Watch List section in the Supplement for a more complete discussion).
P_	Proposed	A species which has been formally proposed for listing as Endangered, Threatened, or Special Concern, but has not yet completed the legally mandated listing process.

United States Status is designated by the U.S. Fish and Wildlife Service. Federally listed Endangered and Threatened species are protected under the provisions of the Endangered Species Act of 1973, as amended. Unless otherwise noted, definitions are taken from the *Federal Register*, Vol. 55, No. 35, February 21, 1990 (50 CFR Part 17).

STATUS CODE	STATUS	DEFINITION
E	Endangered	A taxon "which is in danger of extinction throughout all or a significant portion of its range" (Endangered Species Act, Section 3).
T	Threatened	A taxon "which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range (Endangered Species Act, Section 3).
C1	Candidate 1	"Taxa for which the [Fish and Wildlife] Service has on file enough substantial information on biological vulnerability and threat(s) to support proposals to list them as endangered or threatened. Development and publication of proposed rules on these taxa are anticipated; however, because of the large number of category 1 taxa, it will take several years to clear the backlog."
C2	Candidate 2	"Taxa for which there is some evidence of vulnerability, but for which there are not enough data to support listing proposals at this time....Further biological research and field study usually will be necessary to ascertain the status of [these taxa]....It is likely that some category 2 candidates will not warrant listing, while others will be found to be in greater danger of extinction than some taxa in category 1."

3A	Candidate 3A	"Taxa for which the Fish and Wildlife Service has persuasive evidence of extinction. If rediscovered, such taxa might acquire high priority for listing."
3B	Candidate 3B	"Names that, on the basis of current taxonomic understanding..., do not represent distinct taxa...."
3C	Candidate 3C	"Taxa that have proven to be more abundant or widespread than previously believed and/or those that are not subject to any identifiable threat. If further research or changes in habitat indicate a significant decline in any of these taxa, they may be reevaluated for possible inclusion in categories 1 or 2."
P_	Proposed	"Taxa already proposed to be listed as" endangered or threatened. Taxa formally proposed as endangered or threatened receive some legal protection. Species listed as proposed candidates are species which are in the process of being added to the federal candidate list.
_*	Possibly Extinct	Taxa with no known extant occurrences.

North Carolina Rank. North Carolina ranks are based on The Nature Conservancy's system of measuring rarity and threat status. This system is now widely used by other agencies and organizations, as the best available scientific and objective assessment of a species' rarity at the state level.

RANK	NUMBER OF EXTANT POPULATIONS	DESCRIPTION
S1	1-5	Critically imperiled in North Carolina because of extreme rarity or because of some factor(s) making it especially vulnerable to extirpation (local extinction) from the state.
S2	6-20	Imperiled in North Carolina because of rarity or because of some factor(s) making it very vulnerable to extirpation from the state.
S3	21-100	Rare or uncommon in North Carolina.
S4	100-1000	Apparently secure in North Carolina, with many occurrences.
S5	1000 +	Demonstrably secure in North Carolina.
SA	--	Accidental in state.
SH	0?	Of historical occurrence in North Carolina, perhaps not having been verified in the past 20 years, and suspected to be still extant.
SR	--	Reported from North Carolina, but without persuasive documentation which would provide a basis for either accepting or rejecting the report.
SX	0	Apparently extirpated from North Carolina.
SU	--	Possibly in peril in North Carolina but status uncertain; need more information.

S? -- Unranked, or rank uncertain.

A rank involving two numbers indicates uncertainty of rank. For instance, a S2S3 rank indicates that the species may be a S2 or a S3, but that existing data do not allow that determination to be made.

Global Rank. Similar to North Carolina ranks, global ranks are assigned by a consensus of scientific experts, the various natural heritage programs, and The Nature Conservancy. They apply to the status of a species throughout its range, and are based on data on the species' status rangewide. This system is now widely used by other agencies and organizations, as the best available scientific and objective assessment of a species' rarity throughout its range.

RANK	NUMBER OF EXTANT POPULATIONS	DESCRIPTION
G1	1-5	Critically imperiled globally because of extreme rarity or because of some factor(s) making it especially vulnerable to extinction.
G2	6-20	Imperiled globally because of rarity or because of some factor(s) making it very vulnerable to extinction throughout its range.
G3	21-100	Either very rare and local throughout its range or found locally (even abundantly at some of its locations) in a restricted range (e.g., a single physiographic region) or because of other factors making it vulnerable to extinction throughout its range.
G4	100-1000	Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery.
G5	1000+	Demonstrably secure globally, though it may be quite rare in parts of its range, especially at the periphery.
GH	0?	Of historical occurrence throughout its range, i.e., formerly part of the established biota, with the expectation that it might be rediscovered.
GX	0	Believed to be extinct throughout its range (e.g., passenger pigeon) with virtually no likelihood that it will be rediscovered.
GU	--	Possibly in peril range-wide, but status uncertain; need more information.
G?	--	Unranked, or rank uncertain.
G_Q	--	Questionable taxonomic assignment.
T_	--	The rank of a subspecies or variety. As an example, G4T1 would apply to a subspecies of a species with an overall rank of G4, but the subspecies warranting a rank of G1.

A rank involving two numbers indicates uncertainty of rank. For instance, a G2G3 rank indicates that the species may be a G2 or a G3, but that existing data do not allow that determination to be made.

Physiographic Province. The provinces in which the species is known to occur are indicated. This should not be regarded as the only province(s) of the state in which the species could occur; our knowledge of the flora of North Carolina is still very imperfect. The provinces are abbreviated as follows:

M	Mountains (Blue Ridge)	All parts of North Carolina west of the foot of the Blue Ridge Escarpment.
P	Piedmont	All parts of North Carolina east of the foot of the Blue Ridge Escarpment and west of the Fall Line, including outlying "foothill" ranges, such as the Brushy, Uwharrie, and Sauratown Mountains. This province is shallowly underlain by crystalline metamorphic, igneous, or (rarely) consolidated sedimentary rocks.
S	Sandhills	Portions of Cumberland, Harnett, Hoke, Lee, Moore, Richmond, Scotland, and Montgomery counties consisting mostly of deep aeolian sands of the Middendorf and Pinehurst formations (Cretaceous to Tertiary age). The Sandhills are really part of the coastal plain but are here distinguished because of their distinctive geomorphology and vegetation. Areas somewhat resembling the Sandhills region but occurring in other parts of the state (such as Carolina bay rims and aeolian or beach ridge deposits in the outer Coastal Plain) are considered part of the Coastal Plain Province.
C	Coastal Plain	All parts of North Carolina east of the fall line, excluding the Sandhills, generally consisting of unconsolidated sands, silts, clays, and peats, though rarely shallowly underlain by consolidated coquina limestone ("marl").

Habitat. The known habitats are described; as with provinces, these should not be regarded as the only possible habitats of the species in the state.

Counties of known occurrence. Following the description of habitats is a listing of the known counties of occurrence. Counties with populations documented as extant in the last ten years (1983-1993) are marked with an asterisk (*). If there is some question as to the validity of the county report, it is marked with a question mark (?). The botanical exploration of North Carolina is far from complete, and many additional county records will be found, generally (but not always) in proximity to counties listed.

Natural Heritage Program List of the Rare Plants of North Carolina

9

Scientific Name	Common Name	Status		Rank	
Province: Habitat (Counties of Occurrence)		NC	US	NC	Global
VASCULAR PLANTS					
<i>Abies fraseri</i> M: spruce-fir forests (Avery*, Buncombe*, Caldwell*, Clay, Jackson*, Mitchell*, Swain*, Transylvania*, Watauga*, Yancey*)	Fraser Fir	C	C2	S2	G2G3
<i>Aconitum reclinatum</i> M: rich coves, seepage slopes, boulderfields, rocky stream banks, mainly associated with mafic rocks (Ashe*, Avery*, Buncombe*, Caldwell, Graham*, Macon, Transylvania, Watauga*, Yancey*)	Trailing Wolfsbane	SR	-	S3	G3
<i>Adiantum capillus-veneris</i> C: coquina limestone (marl) outcrops (also adventitious on mortar of old stone walls in Wilmington, New Hanover County) (Columbus*)	Venus Hair Fern	C	-	S1	G5
<i>Adlumia fungosa</i> M: coves and cliffs (Alleghany, Buncombe*, Haywood*, Henderson, Jackson, Macon, Madison*, Yancey*)	Climbing Fumitory	SR	-	S1	G4
<i>Aeschynomene virginica</i> C: tidal marshes and wet ditches (Beaufort*, Craven, Hyde*)	Virginia Jointvetch	E	T	S1	G2
<i>Agalinis aphylla</i> CS: wet savannas and sandhill/pocosin ecotones (Brunswick*, Carteret*, Columbus*, Craven*, Duplin, Hoke*, Jones, New Hanover, Onslow*, Pender*)	Scale-leaf Gerardia	C	-	S2	G3G4
<i>Agalinis decemloba</i> PMS: dry, open sites (Buncombe, Burke, Durham*, Forsyth, Granville*, Guilford, Harnett*, Henderson, Hoke*, Rutherford, Swain, Transylvania, Wake*)	Piedmont Gerardia	SR	-	S2?	G3G4
<i>Agalinis linifolia</i> C: savannas, clay-based Carolina bays, depression ponds, and other wet, open habitats (Brunswick*, Carteret, Columbus*, Craven*, Cumberland, Dare, Hoke*, New Hanover*, Onslow*, Pender*, Robeson*, Scotland*)	Flaxleaf Gerardia	SR	-	S2	G3G4
<i>Agalinis virgata</i> CS: savannas (Brunswick, Carteret*, Craven*, Duplin, New Hanover*, Onslow*, Pender*, Scotland*)	Branched Gerardia	C	-	S2	G3G4
<i>Agropyron</i> (see <i>Elymus</i>)					
<i>Agrostis mertensii</i> (= <i>Agrostis borealis</i>) M: high elevation rocky summits and balds (Avery*, Mitchell, Yancey)	Arctic Bentgrass	C	-	S1	G5
<i>Allium burdickii</i> (not in RAB) M: cove forests (Buncombe?, Transylvania?)	White Ramps	SR	-	S1?	G4
<i>Allium cuthbertii</i> PM: low elevation granitic domes and other rocky sites with circumneutral soils (Alexander*, Chatham?, Madison, Wilkes)	Striped Garlic	C	-	S1	G3G4
<i>Allium</i> sp. 1 (not in RAB) C: wet savannas (Brunswick*, Onslow*, Pender*)	Savanna Onion	C	-	S1	G1
<i>Alnus viridis</i> ssp. <i>crispa</i> (= <i>Alnus crispa</i>) M: balds (Avery*, Mitchell*)	Green Alder	C	-	S1	G5T4
<i>Amaranthus pumilus</i> C: ocean beaches and island-end flats (Brunswick*, Carteret*, Currituck, Dare*, Hyde*, New Hanover*, Onslow*, Pender*)	Seabeach Amaranth	T	T	S2	G2
<i>Amelanchier sanguinea</i> M: thin soils around mafic rock outcrops at lower and middle elevations (Buncombe, Burke*, Rutherford*)	Roundleaf Serviceberry	C	-	S1	G5
<i>Amorpha georgiana</i> var. <i>confusa</i> (not in RAB) C: wet savannas (Bladen, Brunswick*, Columbus, New Hanover)	Savanna Indigo-bush	T	C2	S1	G2T1

Natural Heritage Program List of the Rare Plants of North Carolina

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
		NC	US	NC	Global
<i>Amorpha georgiana</i> var. <i>georgiana</i> CS: moist sandhill areas and sandy terraces (Cumberland*, Harnett*, Hoke*, Lenoir, Moore*, Richmond, Robeson)	Georgia Indigo-bush	E	C2	S1	G2T2
<i>Amorpha schwerinii</i> P: dry forests (Burke?, Catawba*, Cleveland, Davidson, Iredell, Montgomery*, Randolph*, Rowan, Rutherford?, Stanly*)	Piedmont Indigo-bush	C	-	S2	G2G3
<i>Amphicarpum muhlenbergianum</i> (not in NC in RAB) C: clay-based Carolina bays (Hoke*, Robeson*, Scotland*)	Florida Goober Grass	C	-	S1	G4?
<i>Amphicarpum purshii</i> (see Watch List)					
<i>Andropogon mohrii</i> C: wet savannas (Brunswick, Columbus*, Craven*, Onslow*, Pender, Robeson, Washington)	Bog Bluestem	C	-	S1	G3?
<i>Anemone berlandieri</i> (= <i>A. caroliniana</i> , in part) P: thin soils around rock outcrops (Alexander*, Anson, Orange*, Polk, Rowan*, Stanly*)	Southern Anemone	C	-	S1	G3G4
<i>Anemone caroliniana</i> (also see <i>A. berlandieri</i>) P: clayey woodlands over mafic rocks (Mecklenburg*)	Prairie Anemone	C	-	S1	G5
<i>Arabis glabra</i> M: mountain forests (Avery, Madison, Watauga)	Tower Mustard	C	-	SH	G5
<i>Arabis hirsuta</i> var. <i>adpressipilis</i> (not in RAB) PM: thin soils around basic rock outcrops (Alexander*, Buncombe*)	Hairy Rockcress	C	-	S1	G5T3T4
<i>Arabis missouriensis</i> (= <i>A. laevigata</i> var. <i>missouriensis</i>) P: thin soils around basic rock outcrops (Stanly*)	Missouri Rockcress	C	-	S1	G4G5
<i>Arabis patens</i> M: thin soils around limestone and nutrient-rich seepage from amphibolite (Madison*, Rutherford*, Swain*)	Spreading Rockcress	C	-	S1	G3G4
<i>Arenaria</i> (see <i>Minuartia</i>)					
<i>Arethusa bulbosa</i> M: bogs (Alleghany*, Ashe, Avery*, Forsyth?, Henderson, Transylvania*)	Dragon's-mouth, Bog Rose	E	-	S1	G4
<i>Arisaema triphyllum</i> ssp. <i>stewardsonii</i> (not in RAB) M: bogs (Alleghany*, Avery, Henderson, McDowell?, Transylvania, Watauga*)	Bog Jack-in-the-Pulpit	SR	-	S1	G5T3
<i>Aristida palustris</i> (= <i>A. affinis</i>) (see Watch List)					
<i>Arnoglossum ovatum</i> (= <i>Cacalia ovata</i> , <i>C. lanceolata</i>) C: wet savannas (Bladen, Brunswick*, Columbus*, Onslow, Pender*)	Savanna Indian-plantain	SR	-	S1	G4G5
<i>Asclepias pedicellata</i> C: dry savannas and moist flatwoods (Bladen, Brunswick*, Carteret*, New Hanover*, Onslow*, Pender*, Sampson*)	Savanna Milkweed	C	-	S2	G3G4
<i>Asclepias tomentosa</i> (see Watch List)					
<i>Asplenium bradleyi</i> PM: acidic rock outcrops and cliffs (Burke*, Cleveland, Gaston*, McDowell*, Orange*, Stokes)	Bradley's Spleenwort	C	-	S1	G4
<i>Asplenium heteroresiliens</i> C: coquina limestone (marl) outcrops (Bladen*, Craven*, Jones*, New Hanover?, Onslow*)	Carolina Spleenwort	E	C2	S1	G2
<i>Asplenium monanthes</i> M: outcrops near waterfalls in escarpment gorges (Transylvania*)	Single-Sorus Spleenwort	E	-	S1	G4?
<i>Asplenium pinnatifidum</i> PM: acidic rock outcrops and cliffs (Caldwell, Henderson, Jackson, Wilkes)	Lobed Spleenwort	SR	-	S1	G4
<i>Asplenium ruta-muraria</i> M: limestone outcrops (Madison*, McDowell*)	Wall-rue	SR	-	S1	G5
<i>Aster avitus</i> (not in RAB) M: thin soil around granitic outcrops (Transylvania)	Alexander's Rock Aster	C	C1/PC2	S1	G1
<i>Aster carolinianus</i> C: wet sites (Bladen)	Climbing Aster	C	-	SH	G5

Natural Heritage Program List of the Rare Plants of North Carolina

11

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
		NC	US	NC	Global
<i>Aster depauperatus</i> (not in RAB) P: diabase glades (Granville*)	Serpentine Aster	E	C2	S1	G2Q
<i>Aster georgianus</i> (not in RAB) P: open woods and roadsides (Gaston*, Mecklenburg*, Montgomery, Rowan*, Stanly, Union*)	Georgia Aster	C	C2	S1	G2G3
<i>Aster laevis</i> var. <i>concinus</i> P: forests, woodland borders especially over mafic rocks (Alamance, Alexander, Burke*, Durham, Granville*, Iredell, Orange, Stanly*, Union*, Wake)	Smooth Blue Aster	C	-	S2	G5T3
<i>Aster mirabilis</i> (= <i>A. commixtus</i> in RAB) P: rich slopes and bottomlands (Anson*, Mecklenburg*, Richmond*, Stanly*, Union*)	Piedmont Aster	C	PC2	S2	G2G3
<i>Aster oblongifolius</i> M: thin soils around limestone outcrops (Madison)	Aromatic Aster	SR	-	S1	G5
<i>Aster shortii</i> (not in RAB) M: bluffs and rocky banks (Burke, Transylvania)	Short's Aster	SR	-	S1	G4G5
<i>Astilbe crenatiloba</i> (not in RAB) M: cove forests (Avery?, Mitchell?)	Roan False Goat's Beard	C	C2	SH	GHQ
<i>Astragalus michauxii</i> SC: sandhills (Bladen, Cumberland*, Harnett*, Hoke*, Moore*, New Hanover, Richmond*, Robeson, Scotland*)	Sandhills Milkvetch	C	C2	S2	G3
<i>Baccharis glomeruliflora</i> C: shrubby areas on margins of brackish marshes (Brunswick, Columbus)	Silverling	C	-	S1	G4
<i>Bacopa innominata</i> (= <i>B. cyclophylla</i>) C: tidal freshwater marshes (Chowan, New Hanover, Pender)	A Water-Hyssop	C	-	SH	G5
<i>Balduina atropurpurea</i> (not in NC in RAB) C: savannas (Brunswick)	Honeycomb Head	C	3C/PC2	S1	G2G3
<i>Baptisia alba</i> (= <i>B. pendula</i> in RAB) PCS: open woodlands, clearings (Anson*, Cabarrus*, Johnston, Lenoir, Montgomery*, Randolph, Rowan, Stanly*, Union*)	Thick-pod White Wild Indigo	SR	-	S2	G4?
<i>Baptisia albescens</i> (= <i>B. alba</i> in RAB) PS: open woodlands, clearings (Anson, Burke*, Chatham, Cleveland, Iredell, McDowell, Mecklenburg, Montgomery*, Moore, Person, Polk, Richmond*, Rockingham, Rowan, Rutherford*, Stanly, Stokes, Surry, Transylvania, Union*)	Thin-pod White Wild Indigo	SR	-	S2	G4
<i>Baptisia minor</i> (= <i>B. australis</i> in RAB) P: glades and open forests on basic soils (Cabarrus, Caswell, Durham*, Granville*, Orange, Person, Stanly, Transylvania?)	Prairie Blue Wild Indigo	C	-	S2	G4
<i>Baptisia bracteata</i> var. <i>bracteata</i> P: open woodlands (McDowell)	Creamy Wild Indigo	C	-	SH	G5T4?
<i>Berberis canadensis</i> PM: open forests and glades on basic soils (Alamance, Alexander, Buncombe, Durham*, Granville*, Guilford, Haywood, Iredell, Madison*, Orange, Person, Randolph, Rockingham*, Swain, Transylvania)	American Barberry	SR	-	S2	G3G4
<i>Betula cordifolia</i> (= <i>B. papyrifera</i> var. <i>c.</i> in RAB) M: high elevation forests and landslide scars (Yancey*)	Mountain Paper Birch	C	-	S2	G5
<i>Bidens coronata</i> C: brackish marshes (Beaufort, Chowan, Craven, Tyrrell)	Crowned Beggarticks	SR	-	S1	G5
<i>Bonamia</i> (see <i>Stylisma</i>)					
<i>Botrychium jenmanii</i> (= <i>B. alabamense</i>) MP: moist woods (Buncombe, Burke*, Cherokee, Clay, Iredell, Jackson, McDowell*, Mecklenburg, Rockingham, Rutherford*, Stokes, Transylvania)	Alabama Grape Fern	SR	-	S1	G3G4
<i>Botrychium lanceolatum</i> var. <i>angustisegmentum</i> (not in RAB) MP: cove forests (Burke*, Macon)	Lance-leaf Moonwort	SR	-	S1	G4T3T4

Natural Heritage Program List of the Rare Plants of North Carolina

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Botrychium matricariifolium</i> (not in RAB) MP: cove forests (Avery*, Burke*, Swain)	Daisy-leaf Moonwort	SR	-	S1	G5
<i>Botrychium multifidum</i> (not in RAB) M: grassy balds (Avery, Mitchell)	Leathery Grape Fern	C	-	S1	G5
<i>Botrychium oneidense</i> MP: cove forests, bogs (Avery, Buncombe, Burke*, Forsyth, Haywood, Jackson, Mitchell, Yancey)	Blunt-lobed Grape Fern	C	-	S1	G3?
<i>Botrychium simplex</i> var. <i>simplex</i> (not in RAB) M: open, grassy sites (Haywood*, Jackson*)	Least Moonwort	C	-	S1	G5T5
<i>Brachyelytrum septentrionale</i> (not in RAB) M: northern hardwood forests (Ashe, Avery, Transylvania)	Northern Shorthusk	SR	-	S1	G4G5
<i>Bromus ciliatus</i> M: high elevation moist woods and seeps (Ashe*, Mitchell)	Fringed Brome	SR	-	S1	G5
<i>Buchnera americana</i> (not including <i>B. floridana</i>) MPS: glades, open forests, streambanks, probably primarily over mafic or calcareous rocks (Buncombe, Cumberland, Durham, Forsyth, Henderson, Jackson, Johnston, Orange, Polk, Sampson, Swain, Wake)	American Bluehearts	C	-	SH	G3?
<i>Buckleya distichophylla</i> M: bluffs, dry slopes, forests on lower slopes (Buncombe*, Haywood*, Macon*, Madison*, Swain)	Piratebush	E	C2	S2	G2
<i>Bulbostylis warei</i> C: open sites (Brunswick)	Ware's Hairsedge	C	-	SH	G3G4
<i>Bumelia</i> (see <i>Sideroxylon</i>)					
<i>Cacalia</i> (see <i>Arnoglossum</i> , <i>Rugelia</i> , <i>Synosma</i>)					
<i>Calamagrostis cainii</i> (not in RAB) M: high elevation rocky summits (Buncombe*, Yancey*)	Cain's Reedgrass	E	C2	S1	G1
<i>Calamagrostis canadensis</i> M: high elevation openings (Alleghany, Ashe, Avery*, Haywood, Mitchell, Rutherford?, Watauga)	Canada Reedgrass	SR	-	S1	G5
<i>Calamagrostis porteri</i> (not in RAB) M: middle elevation ridgetop forests (Clay, Surry, Rutherford*, Transylvania)	Porter's Reedgrass	SR	-	S1	G4
<i>Calamintha georgiana</i> (= <i>Satureja georgiana</i>) SC: sandhills (Anson, Pender*, Robeson)	Georgia Calamint	SR	-	S1	G5
<i>Calamovilfa brevipilis</i> (see Watch List)					
<i>Caltha palustris</i> M: boggy sites (Ashe, Avery, Buncombe, Madison, Watauga*, Yancey)	Marsh Marigold	SR	-	S1	G5
<i>Calystegia catesbiana</i> ssp. <i>sericata</i> (= <i>C. sericata</i>) MP: open, sunny sites (Burke*, Clay*, Cleveland*, Jackson*, Macon*, Polk*, Rutherford*, Transylvania*)	Blue Ridge Bindweed	C	-	S2	G3T2T3
<i>Camassia scilloides</i> (not in NC in RAB) CP: rich levees, slopes, and bottomlands (Northampton*, Vance*)	Wild Hyacinth	T	-	S1	G4G5
<i>Campanula aparinoides</i> M: bogs and other wet, open sites (Alleghany*, Ashe*, Avery*, Burke*, Clay, Haywood, Henderson*, Jackson*, Mitchell, Transylvania, Wilkes, Yancey*)	Marsh Bellflower	SR	-	S2	G5
<i>Campanula rotundifolia</i> (not in RAB) M: high elevation rocky summits (Ashe*)	Bluebells	C	-	S1	G5
<i>Cardamine clematidis</i> (not including <i>C. flagellifera</i>) M: high elevation seeps, shaded outcrops, and streambanks (Avery*, Caldwell*, Graham*, Jackson*, Mitchell*, Swain, Watauga, Yancey)	Mountain Bittercress	C	C2	S2?	G2
<i>Cardamine dissecta</i> (= <i>Cardamine angustata</i> var. <i>multifida</i>) PM: rich woods, cove forests, bottomlands (Anson*, Guilford, Mecklenburg, Montgomery, Randolph*, Rowan, Rutherford?)	Dissected Toothwort	C	-	S1	G3G4

Natural Heritage Program List of the Rare Plants of North Carolina

13

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Cardamine douglassii</i> P: bottomlands, rich lower slopes (Durham*, Granville*, Harnett*, Lee*, Northampton*, Orange, Wake*)	Douglass's Bittercress	SR	-	S2	G5
<i>Cardamine longii</i> (not in RAB) C: tidal marshes and tidal cypress-gum forests (Jones, Pender)	Long's Bittercress	SR	3C	S1	G3G4Q
<i>Cardamine micranthera</i> P: seeps, streamside sandbars, and floodplain depressions (Forsyth, Stokes*)	Small-Anthered Bittercress	E	E	S1	G1
<i>Cardamine rotundifolia</i> MP: seeps, banks of mountain brooks (Ashe, Mitchell, Stokes*, Watauga)	Mountain Watercress	C	-	S1	G4
<i>Carduus</i> (see <i>Cirsium</i>)					
<i>Carex aenea</i> M: grassy balds (Avery*, Mitchell*)	Bronze Sedge	E	-	S1	G5
<i>Carex argyrantha</i> M: wet meadows (Ashe)	Hay Sedge	SR	-	S1	G5
<i>Carex barrattii</i> MS: bogs, open wet areas (Harnett, Henderson)	Barratt's Sedge	E	3C	SH	G4
<i>Carex biltmoreana</i> M: granitic domes and other cliffs and outcrops (Buncombe*, Haywood*, Jackson*, Macon*, Polk*, Rutherford*, Transylvania*)	Biltmore Sedge	SR	3C	S3	G3
<i>Carex bushii</i> PM: open wet areas (Ashe, Durham, Granville, Johnston, Nash, Orange, Rowan)	Bush's Sedge	SR	-	S1	G4
<i>Carex buxbaumii</i> MP: bogs and fens (Alleghany*, Ashe*, Forsyth, Henderson*, Watauga*, Yancey*)	Brown Bog Sedge	C	-	S1	G5
<i>Carex canescens</i> ssp. <i>disjuncta</i> CS: open wet areas (Hertford*, Scotland*, Tyrrell*)	Silvery Sedge	C	-	S1	G5T4?
<i>Carex careyana</i> (not in RAB) M: rich cove forests (Jackson*)	Carey's Sedge	C	-	S1	G5
<i>Carex chapmanii</i> C: moist bottomlands and slopes, perhaps associated with marl (Bladen, Brunswick, Carteret*, Columbus*, Craven*, Gates*, Jones*, New Hanover, Pender*)	Chapman's Sedge	C	C2	S2	G2G3
<i>Carex cherokeensis</i> MP: floodplains (Cherokee, Polk)	Cherokee Sedge	SR	-	SH	G4G5
<i>Carex conoidea</i> M: bogs (Ashe*, Iredell)	Cone-shaped Sedge	T	-	S1	G4
<i>Carex cristatella</i> M: grassy balds, bogs (Jackson, Swain)	Small Crested Sedge	SR	-	SH	G5
<i>Carex crus-corvi</i> C: swamp forests (Columbus, Edgecombe, Martin, Pitt)	Crowfoot Sedge	SR	-	S1	G5
<i>Carex decomposita</i> C: blackwater swamp forests (New Hanover, Warren)	Cypress Knee Sedge	SR	3C	SH	G3G4
<i>Carex deflexa</i> (not in RAB) M: high elevation seepy forests (Haywood?, Jackson?)	A Sedge	C	-	S1	G5
<i>Carex eburnea</i> M: calcareous outcrops (Madison)	Bristle-leaf Sedge	SR	-	S1	G5
<i>Carex exilis</i> S: seepage bogs (Cumberland*, Harnett*, Hoke*, Moore)	Coastal Sedge	T	-	S1	G5
<i>Carex hitchcockiana</i> (not in RAB) M: moist to dryish forests over calcareous or mafic rocks (Jackson*)	Hitchcock's Sedge	C	-	S1	G5
<i>Carex hormathodes</i> (not in RAB) C: marshes (Currituck*)	A Sedge	SR	-	S1	G4G5
<i>Carex impressinervia</i> (not in RAB) P: wet forests (Montgomery)	Ravine Sedge	C	C2	S1	G2?

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<i>Carex jamesii</i> PC: rich woods, especially over mafic rocks (Caswell, Durham, Halifax, Lee*, Northampton)	James's Sedge	SR	-	S1	G5
<i>Carex leptoneuria</i> M: rich cove forests and seepage slopes (Avery, Buncombe, Clay, Haywood, Henderson*, Madison, Swain)	A Wood Sedge	C	-	S1	G4
<i>Carex lupuliformis</i> CP: moist bottomlands, especially in calcareous or mafic areas (Forsyth, Granville, Jones, Pamlico)	Hop-like Sedge	SR	-	S1	G3G4Q
<i>Carex manhartii</i> (<i>C. purpurifera</i> in part) M: rich cove forests (Ashe, Avery*, Clay, Haywood, Jackson*, Macon*, Transylvania*)	Manhart's Sedge	C	C2	S2	G2?
<i>Carex meadii</i> PM: low wet places over diabase (Durham, Granville*, Orange)	Mead's Sedge	SR	-	S1	G4G5
<i>Carex misera</i> M: high elevation rock outcrops (Ashe*, Avery*, Buncombe*, Clay*, Haywood*, Jackson*, Macon*, Mitchell*, Swain, Transylvania*, Watauga*, Yancey*)	Wretched Sedge	SR	3C	S3	G3
<i>Carex oligosperma</i> (not in RAB) M: seeps and bogs (Ashe*, Avery?, Mitchell*, Watauga*)	Few-seeded Sedge	C	-	S1	G4
<i>Carex pedunculata</i> (not in RAB) M: rich cove forests (Henderson*, Polk*, Transylvania*)	Longstalk Sedge	C	-	S1	G5
<i>Carex projecta</i> CMP: bogs, marshes, swamps (Avery, Cherokee, Cumberland, Iredell, Mecklenburg, Mitchell, Swain)	Necklace Sedge	C	-	S1	G5
<i>Carex purpurifera</i> (= RAB in part only) M: low elevation, rich forests over limestone or marble (Swain*)	Purple Sedge	C	C2	S1	G3?
<i>Carex reniformis</i> CP: swamps, open wet areas (Johnston, Wake)	Kidney Sedge	SR	-	SH	G4?
<i>Carex roanensis</i> (not in RAB) M: forests (Mitchell*)	Roan Sedge	C	C2	S1	G1
<i>Carex schweinitzii</i> M: bogs and swamp forests (Henderson*)	Schweinitz's Sedge	E	-	S1	G3
<i>Carex sp. 1</i> (not in RAB) C: savanna-swamp forest ecotones, over coquina limestone (marl) (Onslow*, Pender*)	Golden Sedge	C	PC2	S1	G1
<i>Carex sp. 2</i> (not in RAB) M: seepage over mafic or ultramafic rocks (Alleghany*)	A Sedge	C	-	S1	G1
<i>Carex sp. 3</i> (not in RAB) M: rich cove forests in the Blue Ridge escarpment region (Jackson*)	Radford's Sedge	C	-	S1	G2?
<i>Carex tenax</i> S: xeric sandhills (Moore*, Wayne)	Wire Sedge	C	-	S1	G5?
<i>Carex tetanica</i> C: bogs and swamps (Macon, Wake, Warren, Wilson)	Rigid Sedge	SR	-	S1	G4G5
<i>Carex trichocarpa</i> M: marshy bogs (Ashe, Haywood)	A Sedge	SR	-	S1	G4
<i>Carex trisperma</i> M: bogs, wet forests at high elevations (Avery*, Buncombe, Mitchell, Swain, Watauga*)	Three-seeded Sedge	SR	-	S1	G5
<i>Carex turgescens</i> (see Watch List)					
<i>Carex verrucosa</i> CS: savannas and pinelands (Brunswick, Columbus, Cumberland, Harnett, New Hanover, Onslow*)	Warty Sedge	SR	-	S1	G3G4
<i>Carex vestita</i> P: low woods (Durham)	Velvet Sedge	C	-	S1	G5
<i>Carex willdenowii</i> var. <i>megarrhyncha</i> (not in RAB) C: moist to wet forests over coquina limestone (marl) (Jones*, Pender)	Southern Willdenow's Sedge	C	-	S1	G5T3?

Natural Heritage Program List of the Rare Plants of North Carolina

15

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Carex woodii</i> MPC: forested slopes, cove forests, and northern hardwoods (Alleghany, Ashe, Avery*, Clay, Henderson*, Jackson*, Jones, Macon*, Mitchell, Orange, Transylvania, Watauga)	Wood's Sedge	SR	-	S2	G4Q
<i>Carya laciniosa</i> C: brownwater river levees (Halifax*, Northampton?; non-native occurrences in other counties)	Big Shellbark Hickory	C	-	S1	G5
<i>Carya myristiciformis</i> (not in NC in RAB; = <i>C. myristicaef.</i>) C: wet marl forests (Pender*)	Nutmeg Hickory	T	-	S1	G5
<i>Caulophyllum giganteum</i> (not in RAB) M: cove forests (Alleghany)	Northern Blue Cohosh	SR	-	S1	G3G5Q
<i>Chamaesyce cordifolia</i> (= <i>Euphorbia cordifolia</i>) C: sandhills (Richmond, Wayne)	Heartleaf Sandmat	C	-	SH	G5
<i>Chasmanthium nitidum</i> (= <i>Uniola nitida</i>) C: blackwater bottomlands (Pender)	A Spanglegrass	C	-	S1	G3?
<i>Cheilanthes alabamensis</i> M: calcareous outcrops (Madison*)	Alabama Lip-fern	C	-	S1	G5
<i>Chelone cuthbertii</i> MPC: bogs (Alexander, Alleghany*, Ashe*, Avery*, Burke*, Forsyth, Henderson*, Jackson*, Macon, McDowell*, Stokes, Transylvania, Wilkes, Yancey*)	Cuthbert's Turtlehead	SR	-	S3?	G3
<i>Chenopodium simplex</i> (not in RAB) M: shaded soil at bases of cliffs (Ashe*, Jackson)	Giant-seed Goosefoot	SR	-	S1	G5
<i>Chloris</i> (see <i>Eustachys</i>)					
<i>Chrysoma pauciflosculosa</i> (= <i>Solidago pauciflosculosa</i>) C: sandhills (Columbus*, Robeson*)	Woody Goldenrod	E	-	S1	G4G5
<i>Cirsium carolinianum</i> (= <i>Carduus carolinianus</i>) P: forests and disturbed areas, mostly on basic soils (Burke*, Cabarrus, Granville*, Montgomery*, Rowan, Wake, Wilkes)	Carolina Thistle	C	-	S1	G5
<i>Cladium mariscoides</i> CSM: bogs, fens, brackish marshes, sandhill seepage bogs (Alleghany, Ashe*, Camden*, Carteret*, Craven, Cumberland*, Currituck*, Dare, Harnett*, Hoke*, Moore*, Onslow*, Watauga*, Yancey*)	Twig-Rush	SR	-	S2	G5
<i>Clematis glaucophylla</i> MP: habitat not known (Buncombe, Burke?, Stokes, Surry)	White-leaved Leatherflower	C	-	SH	G3?
<i>Clematis occidentalis</i> (= <i>C. verticillaris</i>) M: rocky forests (Ashe*, Buncombe?)	Mountain Clematis	SR	-	S1	G5
<i>Coeloglossum viride</i> var. <i>virescens</i> (= <i>Habenaria viridis</i>) MP: seeps in cove forests (Avery, Buncombe, Forsyth, Haywood, Jackson)	Long-bracted Frog Orchid	C	-	SH	G5T5
<i>Coelorachis cylindrica</i> (= <i>Manisuris cylindrica</i>) P: open woodlands and roadsides (Anson, Montgomery, Union)	Carolina Jointgrass	C	-	SH	G4G5
<i>Collinsonia tuberosa</i> PM: rich hardwood forests (Alamance, Chatham*, Guilford, Henderson, Richmond)	Piedmont Horsebalm	C	-	S1	G3G4
<i>Collinsonia verticillata</i> PM: cove forests (Polk*)	Stoneroot	C	-	S1	G2G3
<i>Conioselinum chinense</i> M: high elevation seepage slopes (Avery*)	Hemlock-parsley	E	-	S1	G5
<i>Coreopsis latifolia</i> M: cove forests and other rich woods (Avery*, Buncombe*, Henderson*, McDowell*, Polk*, Rutherford*, Yancey*)	Broadleaf Coreopsis	C	3C	S3	G3
<i>Cornus asperifolia</i> C: wet marl forests (Brunswick*, New Hanover, Onslow*, Pender*)	Roughleaf Dogwood	C	-	S1	G3G4

Natural Heritage Program List of the Rare Plants of North Carolina

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Corydalis micrantha</i> ssp. <i>micrantha</i> (not in RAB) PM: thin, circumneutral soils on rock outcrops or cliffs (Alexander*, Jackson, Madison, Swain)	Slender Corydalis	C	-	S1	G5T4
<i>Crinum americanum</i> (not in RAB) C: tidal swamp forests, tidal marshes (New Hanover)	Swamp-lily	C	-	S1	G5
<i>Croton monanthogynus</i> M: calcareous rock outcrops (Madison)	Prairie-tea Croton	SR	-	S1	G5
<i>Cyperus dentatus</i> C: marshes (Brunswick, Currituck, Dare)	Toothed Flatsedge	C	-	S1?	G4
<i>Cyperus granitophilus</i> (not in RAB) P: granita flatrocks, other rock outcrops (Alexander, Forsyth, Franklin*, Wake*, Yadkin)	Granite Flatsedge	SR	3C	S1	G3Q
<i>Cyperus houghtonii</i> P: dry soil (Iredell)	Houghton's Flatsedge	C	-	SH	G4
<i>Cyperus lecontei</i> C: limesink ponds (Brunswick, New Hanover, Onslow*)	Leconte's Flatsedge	SR	-	S1	G4?
<i>Cyperus tetragonus</i> C: maritime forests and barrier island grasslands (Brunswick*, Carteret, Dare*, New Hanover, Onslow)	Four-angled Flatsedge	SR	-	S2	G4?
<i>Cypripedium reginae</i> M: habitat not known (Jackson, Macon)	Showy Ladyslipper	C	-	SH	G4
<i>Cystopteris tennesseensis</i> CM: calcareous rock outcrops (Craven*, Graham, Jones*, Onslow*)	Tennessee Bladder-fern	E-SC	-	S1	G5
<i>Cystopteris tenuis</i> (not in RAB) M: high elevation rocky summits, cliffs (Mitchell*)	Upland Bladder-fern	SR	-	S1	G4G5
<i>Dalibarda repens</i> M: bogs and moist woods under rhododendrons (Alleghany*, Ashe*, Transylvania*)	Robin Runaway	E	-	S1	G5
<i>Danthonia epilis</i> (not in RAB) S: saepe bogs (Cumberland*, Harnett*, Montgomery?, Scotland*)	Bog Oatgrass	C	-	S1	G3?
<i>Delphinium exaltatum</i> MP: grassy balds, glades, woodlands, mostly over mafic rock (Alleghany, Durham*, Granville*, Haywood, Iredell, Jackson*, McDowell, Mecklenburg, Mitchell, Watauga*)	Tall Larkspur	E-SC	C2	S1	G3
<i>Deschampsia cespitosa</i> ssp. <i>glauca</i> (= <i>D. caespitosa</i> var. <i>g.</i>) M: olivine barrans, high elevation outcrops of mafic rock (Clay)	Tufted Hairgrass	C	-	S1	G5T5
<i>Desmodium ochroleucum</i> P: sandy or rocky woodland openings (Davie, Durham*, Orange, Wake)	Creamy Tick-trefoil	C	-	S1?	G2G3
<i>Desmodium sessilifolium</i> P: open woodlands (Cabarrus, Mecklenburg)	Sassila Tick-trefoil	C	-	SH	G3G4
<i>Dicentra eximia</i> MP: rock outcrops (Buncombe*, Burke*, Haywood*, Macon*, Madison*, Orange*, Rutherford*, Swain*, Watauga, Yancey*)	Blaeding Heart	SR	-	S2	G4
<i>Dichanthelium erectifolium</i> (= <i>Panicum erectifolium</i>) C: savannas (Brunswick*, New Hanover, Onslow*, Sampson*, Scotland*)	Erectleaf Witch Grass	SR	-	S2	G4
<i>Dichanthelium</i> sp. 1 (= <i>Panicum hirtii</i> ; not in RAB) C: cypress savannas (Onslow*)	Hirsts' Panic Grass	C	C2	S1	G1
<i>Didiplis diandra</i> (= <i>Peplis diandra</i>) CS: sluggish streams and ponds (Chowan, Edgcomb, Harnatt, Hartford, Moore, Nash, Parquimans, Wake, Warren)	Water Purslane	SR	-	S1	G5
<i>Diervilla rivularis</i> (= <i>D. sessilifolia</i> var. <i>rivularis</i>) M: forasts (Yancey)	Rivabank Bush-honaysuckla	C	-	SH	G3

Natural Heritage Program List of the Rare Plants of North Carolina

17

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Dionaea muscipula</i> CS: savannas, seepage bogs, pocosin edges (Beaufort*, Bladen*, Brunswick*, Carteret*, Columbus*, Craven, Cumberland*, Duplin, Hoke*, Jones, Lenoir, Moore, New Hanover*, Onslow*, Pamlico, Pender*, Robeson, Sampson*)	Venus Flytrap, Meadow Clams	C-SC	3C/PC2	S3	G3
<i>Disporum maculatum</i> M: drier cove forests and northern hardwoods forests, ridgesides (Buncombe*, Clay*, Haywood*, Jackson*, Macon*, Madison*, Yancey)	Nodding Mandarin	C	-	S2	G3G4
<i>Dodacatheon maadia</i> var. <i>maadia</i> PM: rich, rocky woods, over mafic or calcareous rocks (Anson, Buncombe*, Davidson, Granville, Haywood*, Iredell, Jackson*, Macon*, Mecklenburg*, Orange, Rutherford*, Stanly, Watauga)	Eastern Shooting Star	SR	-	S2	G5T5
<i>Draba ramosissima</i> MP: calcareous and mafic rock outcrops (Buncombe*, Haywood*, Madison*)	Branching Draba	SR	-	S2	G4
<i>Draba reptans</i> P: habitat not known (Lincoln)	Creeping Draba	C	-	SH	G5
<i>Drosara filiformis</i> C: clay-based Carolina bays, wet savannas, ditches (Bladen, Brunswick, Columbus*, Duplin, Sampson*)	Threadleaf Sundew	SR	-	S1	G5
<i>Dryopteris goldiana</i> MCP: rich, moist woods (Ashe, Buncombe*, Burke*, Haywood*, Jackson*, Macon*, Mitchell, Orange)	Goldie's Woodfern	SR	-	S2	G4
<i>Echinacea laevigata</i> P: glades, woodlands, and open areas over mafic rocks (Durham*, Granville*, Mecklenburg, Montgomery, Orange, Rockingham*)	Smooth Coneflower	E-SC	E	S1	G3
<i>Echinacea purpurea</i> M: open woods and clearings (Burke, Jackson, Madison*, Polk, Rutherford) (native occurrences only)	Purple Coneflower	SR	-	S1	G4G5
<i>Echinodorus parvulus</i> (not in RAB) C: drawdown zones of clay-based Carolina bays and blackwater rivers (Brunswick*, Robeson*)	Dwarf Burhead, Mudbabies	C	-	S1	G2
<i>Eleocharis callulosa</i> C: interdune ponds, brackish marshes (Carteret*, Dare, Hyde*, Onslow)	Gulfcoast Spikerush	SR	-	S1	G4G5
<i>Eleocharis alongata</i> (not in RAB) C: limesink ponds (Brunswick*, Onslow*)	Florida Spikerush	C	-	S1	G5?
<i>Eleocharis equisetoides</i> (see Watch List)					
<i>Eleocharis halophila</i> C: brackish and freshwater marshes (Dare*, Hyde)	Saltmarsh Spikerush	T	-	S1	G4
<i>Eleocharis malanocarpa</i> (see Watch List)					
<i>Eleocharis montevidensis</i> C: maritime wet grassland (Currituck, Onslow*)	Sand Spikerush	SR	-	S1	G5
<i>Eleocharis robbinsii</i> C: limesink ponds, clay-based Carolina bays, peat-burn lakes, millponds, beaver ponds, artificial lakes (Bladen, Brunswick*, Carteret*, Craven, Cumberland*, Harnett*, Hoke*, Moore*, New Hanover, Onslow*, Sampson*, Scotland*)	Robbins's Spikerush	C	-	S2	G4G5
<i>Eleocharis rostallata</i> C: brackish marshes, limesink ponds? (Beaufort, Brunswick, Camden*, Carteret, Currituck*, Dare*, Hyde*)	Beaked Spikerush	SR	-	S2	G5
<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i> (= <i>Agropyron t.</i>) M: olivine barrens (Clay*)	Slender Wheatgrass	C	-	S1	G5T5

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<i>Enemion biternatum</i> (= <i>Isopyrum biternatum</i>) PC: rich bottomlands, lavaes, and lowar slopas (Cumberland*, Durham*, Franklin*, Granville*, Halifax*, Harnett*, Lee*, Northampton*, Orange, Parson, Vance*)	Eastern Isopyrum	SR	-	S2	G5
<i>Epidendrum conopseum</i> C: epiphytic on traas in blackwater river swamps (Brunswick*, Columbus*, Pender*)	Green Fly Orchid	SR	-	S2	G3G4
<i>Epilobium angustifolium</i> M: meadows and disturbad sites at high alavations (Avery, Watauga, Yancey)	Purple Willowherb	SR	-	S1	G5
<i>Epilobium ciliatum</i> M: seeps and bogs (Alleghany*, Avery*, Buncombe*, Henderson*, Jackson, Macon, Mitchell, Watauga*, Yancey)	Purpleleaf Willowherb	SR	-	S2	G5
<i>Epilobium leptophyllum</i> (sea Watch List)					
<i>Eriocaulon aquaticum</i> (= <i>E. pellucidum</i> , <i>E. septangulare</i>) CS: blackwater creeks, natural lakes, tidal freshwater marshes (Bladen, Brunswick, Columbus, Craven, Cumberland*, Hoke*, Moore*, Perquimans, Tyrrell, Washington)	Seven-angled Pipewort	SR	-	S2	G5
<i>Eriocaulon lineare</i> M: bogs (Henderson)	Narrow Pipewort	E	-	SX	G4
<i>Eriocaulon parkeri</i> (not in RAB) C: natural lakes (Hyda*, Tyrrell)	Estuary Pipewort	C	3C	S1	G3
<i>Eriocaulon texense</i> (not in RAB) S: sphagnous bog (Cumberland*)	Texas Hatpins	C	-	S1	G3G4
<i>Eriogonum tomentosum</i> (not in NC in RAB) C: sandhills (Bladen)	Southern Wild-buckwheat	C	-	SH	G4G5
<i>Erythrina herbacea</i> C: maritime forasts (Brunswick*, Carteret, New Hanover*)	Coralbaan	SR	-	S1	G5
<i>Eulophia</i> (see <i>Pteroglossaspis</i>)					
<i>Eupatorium godfreyanum</i> (not in RAB) PM: woodlands, espacially over mafic rocks (Caswell, Durham*, Granville, McDowell, Orange, Swain, Vance)	Godfrey's Thoroughwort	SR	-	S1	G4
<i>Eupatorium incarnatum</i> PMC: rich woods and thin woodlands owar diabasa, calcareous rocks, othar basic rocks, or rich alluvium (Alexander*, Durham, Madison*, Martin, Polk, Warren, Wilkes*)	Pink Thoroughwort	SR	-	S1	G5
<i>Eupatorium leptophyllum</i> (= <i>E. capillifolium</i> var. <i>l.</i>) C: limesink ponds and clay-based Carolina bays (Brunswick*, New Hanover*, Scotland*)	Limasink Dog-fannal	C	-	S1	G4G5
<i>Eupatorium resinatum</i> SC: seepage bogs, beaver ponds, pondshores, shrub swamps (Bladen*, Cumberland*, Harnett*, Hoke*, Moore*, Scotland*)	Resinous Boneset	C	C2/P3C	S3	G3
<i>Euphorbia commutata</i> (not in NC in RAB) MP: thin soil around mafic or calcarous outcrops (Buncomba*, Caswall, Haywood*)	Cliff Spurge	SR	-	S1	G5
<i>Euphorbia mercurialina</i> (not in RAB) P: rich slopes over gabbro (Richmond*)	Cumberland Spurge	C	-	S1	G4
<i>Euphorbia purpurea</i> M: forasts, especially owar mafic rock (Asha, Buncomba*, Clay*, Graham*, Haywood*, Jackson*, Macon, Madison*, Mitchell*, Swain*, Watauga, Yancay*)	Glada Spurga	C	C2	S2	G3
<i>Euphorbia</i> (also saa <i>Chamaesyce</i>)					
<i>Eustachys glauca</i> (= <i>Chloris glauca</i>) C: salt marshas (Naw Hanover)	Saltmarsh Fingargrass	SR	-	SH	G4
<i>Filipendula rubra</i> M: bogs, wat maadows (Buncombe, Haywood*, Macon, Watauga, Yancay*)	Quaan-of-tha-Prairia	E	-	S1	G4G5

Natural Heritage Program List of the Rare Plants of North Carolina

19

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<i>Fimbristylis perpusilla</i> (not in RAB) C: drawdown zones of blackwater rivers (Brunswick*, Columbus*)	Harper's Fimbry	T	C2	S1	G2
<i>Fothergilla major</i> MP: dry ridgetop or bluff forests (Burke*, Chatham*, Gaston, Montgomery*, Orange*, Polk, Randolph, Rutherford*, Stokes*, Surry, Transylvania*)	Large Witch-alder	C	PC2	S2	G3
<i>Frasera caroliniensis</i> (= <i>Swertia caroliniensis</i>) M: deciduous forests (Cherokee, Clay*, Macon*)	Columbo	SR	-	S1	G5
<i>Gaillardia aestivalis</i> S: sandhills (Cumberland, Hoke*, Moore, Richmond*, Scotland*)	Sandhills Gaillardia	C	-	S1	G5
<i>Galactia mollis</i> S: sandhills (Brunswick, Cumberland*, Hoke*, Richmond*, Scotland*, Wayne)	Soft Milk-Pea	C	-	S1	G4G5
<i>Gale</i> (see <i>Myrica</i>)					
<i>Gelsemium rankinii</i> C: floodplains of blackwater rivers and streams (Brunswick*, Columbus*, Pender*)	Swamp Jessamine	SR	-	S2	G5
<i>Gentiana flavida</i> (= <i>Gentiana alba</i>) M: habitat not known (Watauga)	Yellow Gentian	C	-	SH	G4
<i>Gentiana</i> (also see <i>Gentianopsis</i>) <i>Gentianopsis crinita</i> (= <i>Gentiana crinita</i>) M: glades, serpentine barrens, open sites over basic rocks (Ashe*, Clay*, Macon, Watauga*)	Fringed Gentian	E-SC	-	S1	G4
<i>Geum aleppicum</i> M: bogs (Avery, Swain)	Yellow Avens	C	-	SH	G5
<i>Geum geniculatum</i> M: high elevation forests, streambanks, seepage slopes (Avery*, Caldwell*, Mitchell*, Watauga*)	Bent Avens	T	C2	S1	G1
<i>Geum laciniatum</i> var. <i>trichocarpum</i> M: bogs (Avery*)	Rough Avens	C	-	S1	G5
<i>Geum radiatum</i> M: high elevation rocky summits (Ashe*, Avery*, Buncombe*, Burke, Mitchell*, Transylvania*, Watauga*, Yancey*)	Cliff Avens, Spreading Avens	E-SC	E	S1	G1
<i>Gillenia</i> (see <i>Porteranthus</i>)					
<i>Glyceria laxa</i> (= <i>G. canadensis</i> var. <i>laxa</i>) M: seeps (Alleghany, Haywood*, Henderson, Macon, Transylvania*)	Lax Mannagrass	SR	-	S1	G7Q
<i>Glyceria nubigena</i> M: high elevation seeps (Graham*, Haywood*, Swain*)	Smoky Mountain Mannagrass	T	C2	S2	G2
<i>Glyceria</i> (also see <i>Torreyochloa</i>)					
<i>Gnaphalium helleri</i> var. <i>helleri</i> (not in RAB) PS: dry woodlands, openings, and glades, especially over mafic rocks (Anson, Cabarrus*, Davidson, Durham, Forsyth, Franklin, Granville*, Guilford, Halifax, Harnett, Hoke*, Mecklenburg*, Moore, Orange, Person, Rowan, Scotland, Union*, Wake)	Heller's Rabbit Tobacco	SR	-	S27	G4T3
<i>Gnaphalium helleri</i> var. <i>micradenum</i> (not in RAB) P: dry woodlands (Granville, Person, Stokes)	Small Rabbit Tobacco	C	-	SH	G4T3
<i>Grammitis nimbata</i> M: spray zone behind waterfalls (Macon)	West Indian Dwarf Polypody	E	C2	S1	G3?
<i>Gymnocarpium appalachianum</i> (not in RAB) M: shaded and sheltered crevices on high elevation rocky summits (Ashe*)	Appalachian Oak Fern	C	C2	S1	G2G3
<i>Habenaria</i> (see <i>Coeloglossum</i> , <i>Platanthera</i>)					
<i>Halodule beaudettei</i> C: in shallow water in sounds and estuarine rivers (Carteret*, Dare, Hyde, Onslow)	Beaudette's Shoalweed	SR	-	S2	G5
<i>Hedyotis</i> (see <i>Houstonia</i>)					

Natural Heritage Program List of the Rare Plants of North Carolina

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<i>Helinium brevifolium</i> PMC: bogs, seeps, riverbanks, other wet sites (Brunswick?, Henderson, Iredell*, Lenoir?, Lincoln, Montgomery, Rowan, Wake)	Littleleaf Sneezeweed	C	-	S1	G3
<i>Helinium pinnatifidum</i> C: savannas and open, wet, mucky sites (Bladen*, Brunswick*, Columbus*, Iredell?, New Hanover, Pender*, Robeson, Rowan?)	Dissected Sneezeweed	SR	-	S2	G4
<i>Helinium vernale</i> C: savannas and adjacent ditches (Brunswick*, Columbus*)	Spring Sneezeweed	SR	-	S1	G3G4
<i>Helianthemum bicknellii</i> M: rock outcrops, glades, fens (Ashe, Buncombe, Haywood, Jackson, Transylvania)	Plains Sunrose	C	-	S1	G5
<i>Helianthemum corymbosum</i> C: maritime forests (Carteret*, Dare)	Pinebarren Sunrose	SR	-	S1	G4G5
<i>Helianthemum georgianum</i> C: maritime forests (Brunswick, Carteret, Dare, Hyde, New Hanover)	Georgia Sunrose	C	-	S1	G4
<i>Helianthemum propinquum</i> M: rock outcrops, glades (Alleghany*, Ashe*, Avery, Buncombe*, Haywood*, Henderson, Stokes, Transylvania, Yancey*)	Creeping Sunrose	C	-	S1	G4
<i>Helianthemum rosmarinifolium</i> (see Watch List)					
<i>Helianthus laevigatus</i> PM: shaly open woods and roadsides (Anson*, Burke, Cleveland, Montgomery*, Polk, Rowan*, Rutherford*, Stanly*, Union*)	Smooth Sunflower	SR	-	S2	G3G4
<i>Helianthus occidentalis</i> M: sandy bottomlands (Buncombe)	Few-leaf Sunflower	C	-	SX	G5
<i>Helianthus schweinitzii</i> P: open woods and roadsides (Cabarrus*, Davidson*, Mecklenburg*, Montgomery*, Rowan*, Stanly*, Stokes?, Union*)	Schweinitz's Sunflower	E	E	S1	G1
<i>Heliotropium curassavicum</i> var. <i>curassavicum</i> C: salt flats and salt marshes (Carteret, Hyde)	Seaside Heliotrope	C	-	SH	G5T5
<i>Helonias bullata</i> M: bogs (Henderson*, Jackson*, Transylvania*)	Swamp Pink	T-SC	T	S2	G3
<i>Hemicarpha</i> (see <i>Lipocarpha</i>)					
<i>Heteranthera multiflora</i> (not in RAB) C: open pools in brownwater or blackwater river floodplains (Bertie, Martin, Pasquotank, Perquimans)	Multiflowered Mud-Plantain	SR	-	S1	GU
<i>Hexalectris spicata</i> PMC: dry or mesic woods on basic soils (Burke*, Cabarrus*, Clay*, Davidson, Davie, Durham, Forsyth, Franklin, Granville, Guilford, Jackson*, Johnston, Jones, Macon*, Madison, Mecklenburg, Orange*, Person, Polk, Randolph, Rutherford*, Stanly*, Surry, Wilkes)	Crested Coralroot	SR	-	S2	G3G4
<i>Hexastylis contracta</i> M: acidic forests under rhododendron (Buncombe*, Henderson*)	Mountain Heartleaf	E	C2	S1	G3
<i>Hexastylis lewisii</i> PSC: forests, pocosin edges (Bladen*, Burke, Chatham*, Cumberland, Duplin, Durham*, Granville*, Halifax*, Harnett*, Lenoir, Nash*, Orange*, Person*, Sampson*, Scotland*, Vance*, Wake*)	Lewis's Heartleaf	SR	3C	S3	G3
<i>Hexastylis naniflora</i> P: rich deciduous forests, bluffs, and ravines (Burke*, Catawba*, Cleveland*, Lincoln, Rutherford*)	Dwarf-flowered Heartleaf	E	T	S2	G2G3
<i>Hexastylis rhombiformis</i> (not in RAB) MP: cove forests (Buncombe*, Burke?, Henderson*, Polk*, Transylvania*)	French Broad Heartleaf	C	C2	S1	G1

Natural Heritage Program List of the Rare Plants of North Carolina

21

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<i>Hibiscus aculeatus</i> C: savannas (Carteret, New Hanover, Robeson)	Savanna Hibiscus, Comfortroot	C	-	SH	G4G5
<i>Hierochloa odorata</i> (not in RAB) M: bogs (Macon*, Watauga)	Holy Grass	C	-	S1	G5
<i>Hottonia inflata</i> CP: pools in black- or brown-water swamps, interdune ponds (Bertie, Chatham, Currituck, Dare*, Edgecombe, Gates*, Halifax, Hertford, Johnston*, Lenoir, Martin*, Northampton*, Perquimans)	Water Violet	SR	-	S2	G3G4
<i>Houstonia longifolia</i> var. <i>glabra</i> (not in RAB) M: high elevation granitic domes, rarely other outcrops (Clay, Haywood, Jackson*, Macon*, Transylvania*)	Granite Dome Bluet	SR	-	S3	G5T3
<i>Houstonia montana</i> (= <i>Hedyotis purpurea</i> var. <i>m.</i> ; not in RAB) M: high elevation rocky summits, grassy balds (Ashe*, Avery*, Mitchell*, Watauga*, Yancey)	Mountain Bluet	E	E	S2	G2
<i>Hudsonia montana</i> M: gorge rim outcrops, rocky summits, pine-oak/heath ridges (Burke*, McDowell*)	Mountain Golden-heather	E	T	S1	G1
<i>Hudsonia tomentosa</i> C: openings in maritime forest, blowouts, dunes and medanos (Currituck*, Dare*)	Woolly Beach Heather	SR	-	S2	G5
<i>Hyperzia appalachiana</i> (= <i>Lycopodium selago</i>) M: high elevation rocky summits, seeps, fens (Ashe*, Avery*, Buncombe*, Haywood, Jackson*, Mitchell*, Rutherford*, Transylvania*, Watauga*, Yancey*)	Appalachian Fir-clubmoss	C	-	S2	G3G4
<i>Hyperzia porophila</i> (= <i>Lycopodium porophyllum</i>) M: in spray zone of waterfalls (Jackson*, Macon*, Polk?, Transylvania*)	Rock Fir-clubmoss	C	-	S1	G4
<i>Hydrastis canadensis</i> MP: cove forests, other rich deciduous forests (Buncombe*, Haywood, Jackson*, Macon*, Madison*, Rockingham*, Watauga)	Golden Seal	E-SC	3C	S2	G4
<i>Hydrophyllum macrophyllum</i> M: rich woods, especially rocky calcareous forests and cliffs (Buncombe*, Haywood*, Madison*)	Largeleaf Waterleaf	SR	-	S1S2	G5
<i>Hymenophyllum tayloriae</i> M: moist grottoes and spray cliffs in escarpment gorges with high rainfall (Jackson, Macon, Transylvania)	Gorge Filmy Fern	C	-	S1S2	G1G2
<i>Hypericum adpressum</i> C: boggy places (Halifax, New Hanover, Northampton)	Bog St. John's-wort	C	PC2	SH	G2G3
<i>Hypericum nitidum</i> C: low pinelands, pools (Brunswick*, Onslow*, Pender*)	A St. John's-wort	SR	-	S1	G4
<i>Hypericum suffruticosum</i> C: pine savannas (Bladen, Sampson)	Pineland St. John's-wort	SR	-	SH	G4G5
<i>Hypoxis sessilis</i> CS: savannas, pinelands (Columbus?, Hoke?, Pender)	Sessile Yellow Stargrass	C	-	S1	G4
<i>Ilex amelanchier</i> CS: blackwater swamps and riverbanks, clay-based Carolina bays (Brunswick*, Columbus*, Harnett, Hoke*, Pender*, Richmond*, Robeson*, Scotland*)	Sarvis Holly	SR	3C	S3	G3G4
<i>Ilex collina</i> (not in RAB) M: bogs, wet streambanks, or high elevation forests (Ashe*, Swain*, Watauga*)	Long-Stalked Holly	T	3C	S1	G3
<i>Ilex longipes</i> (= <i>I. decidua</i> var. <i>longipes</i>) P: upland forests and woodlands (Gaston, Mecklenburg)	Georgia Holly	C	-	SH	G5
<i>Ipomoea imperati</i> (= <i>I. stolonifera</i>) C: sea beaches and foredunes (Brunswick*, Carteret*, New Hanover)	Beach Morning Glory	SR	-	S1	G5
<i>Isanthus</i> (see <i>Trichostema</i>)					

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<i>Isoetes piedmontana</i> (not in RAB) P: granite flatrocks and diabase glades (Franklin*, Granville*, Rowan*, Wake)	Piedmont Quillwort	T	-	S1	G4
<i>Isoetes riparia</i> C: tidal freshwater marshes and swamp forests (Craven, Currituck, Pender, Pitt, Tyrrell)	Riverbank Quillwort	SR	-	S1	G4
<i>Isoetes virginica</i> (not in RAB) P: upland depression swamp forests, clayey soils (Caswell, Chatham, Mecklenburg, Rowan, Union)	Virginia Quillwort	C	C2	S1	G1G2Q
<i>Isopyrum</i> (see <i>Enemion</i>)					
<i>Isoetia medeoloides</i> MPS: forests, especially with white pine (Burke*, Cumberland, Harnett, Haywood*, Henderson*, Jackson*, Macon*, Orange?, Surry)	Small Whorled Pogonia	E	E	S1	G3
<i>Iva microcephala</i> (not in NC in RAB) C: clay-based Carolina bays (Robeson*, Scotland*)	Small-Headed Marsh Elder	C	-	S1	G5
<i>Jeffersonia diphylla</i> M: rich cove forests, especially over calcareous rocks (Jackson*)	Twin Leaf	SR	-	S1	G5
<i>Juglans cinerea</i> (see Watch List)					
<i>Juncus caesariensis</i> (not in RAB) M: seepage bog (Clay*)	Rough Rush	C	C2	S1	G2
<i>Juncus gymnocarpus</i> (see Watch List)					
<i>Juncus trifidus</i> (= <i>J. t.</i> var. <i>monanthos</i>) M: high elevation rocky summits (Ashe*, Buncombe*, Mitchell*)	Highland Rush	E	C2	S1	G5
<i>Juniperus communis</i> var. <i>depressa</i> MP: high elevation granitic domes, low elevation rocky summits (Buncombe, Gaston*, Macon*)	Dwarf Juniper	C	-	S1	G5T5
<i>Kalmia cuneata</i> CS: pocosins (Bladen*, Cumberland*, Hoke*, Moore*, Pender*, Richmond*, Scotland*)	White Wicky	E-SC	C2	S2	G3
<i>Lachnocaulon beyrichianum</i> C: sandhills, sandhill/pocosin ecotones (Bladen, Brunswick*, Carteret*, New Hanover*, Pender)	Southern Bogbutton	C	3C	S1	G2G3
<i>Lechea maritima</i> var. <i>virginica</i> (not in RAB) C: barren dunefields with <i>Hudsonia tomentosa</i> (Dare*)	Maritime Pinweed	SR	-	S1	G5T4
<i>Lechea torreyi</i> CS: sandhills, savannas (Brunswick*, Moore, Pender)	Torrey's Pinweed	C	-	S1	G4G5
<i>Leptochloa fascicularis</i> var. <i>maritima</i> (not in RAB) C: fresh to brackish tidal marshes (Currituck*, Dare, Hyde*, New Hanover)	Long-awned Spangletop	SR	-	S1	G5T3
<i>Liatris aspera</i> M: glades, open woods, fens (Ashe*, Burke, Cleveland?, Henderson, Jackson, Macon, McDowell, Polk, Transylvania)	Rough Blazing Star	SR	-	S1	G4G5
<i>Liatris helleri</i> M: high elevation rocky summits, cliffs (Ashe*, Avery*, Burke*, Caldwell*, Mitchell, Watauga*)	Heller's Blazing Star	T-SC	T	S1	G1
<i>Liatris microcephala</i> M: rock outcrops, glades, dry woodlands (mostly over mafic rocks?) (Macon, Polk, Rutherford*)	Small-head Blazing-star	C	-	S1	G3G4
<i>Liatris squarrulosa</i> (= <i>Liatris earleii</i>) PSM: diabase glades, open woods especially over mafic rocks; also sandhills (Cumberland, Durham*, Granville*, Harnett, Orange, Richmond, Stokes, Swain)	Earle's Blazing Star	SR	-	S2	G4G5
<i>Liatris turgida</i> M: dry rocky woods (Buncombe, Burke, Macon*, Polk, Rutherford?)	Shale-barren Blazing Star	SR	-	S1?	G3

Natural Heritage Program List of the Rare Plants of North Carolina

23

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Lilaeopsis carolinensis</i> C: freshwater marshes, pools, tidal marshes (Brunswick*, Camden*, Currituck*, Dare*, New Hanover*, Pasquotank*, Perquimans*, Washington*)	Carolina Grasswort	T	3C	S3	G3
<i>Lilium canadense</i> ssp. <i>canadense</i> M: bogs, wet meadows (Watauga)	Yellow Canada Lily	C	-	SH	G5T47
<i>Lilium canadense</i> ssp. <i>editorum</i> (not in RAB) MP: bogs, wet meadows (Alleghany, Avery, Henderson, Rutherford, Stanly, Watauga)	Red Canada Lily	C	-	SH	G5T47
<i>Lilium grayi</i> M: bogs, wet meadows, seeps, grassy balds, high elevation forests (Alleghany*, Ashe*, Avery*, Buncombe*, Henderson*, McDowell*, Mitchell*, Watauga*, Yancey*)	Gray's Lily	T-SC	C2	S3	G3
<i>Lilium philadelphicum</i> var. <i>philadelphicum</i> M: grassy balds, glades (Alleghany, Ashe*, Avery, Haywood, Mitchell, Polk, Swain, Watauga*, Yancey*)	Wood Lily	C	-	S1	G5
<i>Lilium</i> sp. 2 (not in RAB; possibly = <i>L. iridollae</i>) S: peaty seepage bogs (Cumberland*, Harnett*, Hoke*, Moore*)	Sandhills Bog Lily	C	-	S1	GU
<i>Limosella australis</i> (= <i>L. subulata</i>) C: tidal marshes (Currituck*)	Awl-leaf Mudwort	C	-	S1	G4G5
<i>Lindera melissifolia</i> (= <i>L. melissaefolia</i>) C: Carolina bays, upland depressions, and other wet areas (Bladen*, Cumberland*, Sampson*)	Southern Spicebush	E	E	S1	G2
<i>Lindera subcoriacea</i> (not in RAB) SP: streamhead pocosins, white cedar swamps, bogs (Anson*, Cumberland*, Hoke*, Lee*, Montgomery*, Moore*, Robeson*, Scotland*)	Bog Spicebush	E	C2	S2	G2
<i>Linum floridanum</i> var. <i>chrysocarpum</i> (not in RAB) C: pine savannas (Brunswick, Pender*)	Yellow-fruited Flax	SR	-	S1	G5T3?
<i>Linum sulcatum</i> var. <i>sulcatum</i> P: diabase glades (Granville)	Glade Flax	C	-	SH	G5T5
<i>Liparis loeselii</i> MC: seeps, bay swamps (Ashe, Avery, Dare*, Jackson, Rutherford, Swain*, Watauga)	Fen Orchid	C	-	S1	G5
<i>Lipocarpa micrantha</i> (= <i>Hemicarpha micrantha</i>) C: drawdown zones of blackwater rivers, salt marshes (Columbus*, Dare)	Small-flowered Hemicarpha	SR	-	S1	G4
<i>Listera australis</i> (see Watch List)					
<i>Listera cordata</i> M: habitat not known (Avery)	Heart-leaved Twayblade	C	-	SH	G5
<i>Lithospermum canescens</i> P: diabase glades, open woods over diabase (Durham*, Granville*)	Hoary Puccoon	SR	-	S1	G5
<i>Litsea aestivalis</i> C: limesink ponds, other pools (Bladen*, Brunswick*, Carteret*, Cumberland*, Gates*, New Hanover, Onslow*, Sampson*, Wayne*)	Pondspice	C	C2	S2	G4G5
<i>Lobelia boykinii</i> (not in NC in RAB) C: clay-based Carolina bays, wet pine savannas (Bladen, Cumberland*, Hoke*, Onslow*, Scotland*)	Boykin's Lobelia	C	C2	S1	G2
<i>Lonicera canadensis</i> M: bogs, moist woods (Jackson*, Macon*, Mitchell, Swain, Watauga*, Yancey)	American Fly-honeysuckle	SR	-	S1	G5
<i>Lonicera flava</i> MP: thin soils around rock outcrops, mainly mafic (Buncombe*, Burke*, Henderson*, Jackson*, McDowell*, Polk*, Rutherford*)	Yellow Honeysuckle	SR	-	S1	G5?
<i>Lophiola aurea</i> (= <i>Lophiola americana</i>) C: very wet, mucky habitats in pine savannas (Brunswick*, Columbus, New Hanover*)	Golden Crest	E	-	S1	G4

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<i>Lotus helleri</i> (= <i>Lotus purshianus</i> var. <i>helleri</i>) P: open woods over clay soils, roadsides (Cabarrus*, Caswell, Davidson, Davie, Granville*, Iredell, Mecklenburg, Person, Rowan*, Stanly, Union*, Warren)	Carolina Birdfoot-trefoil	C	C2	S2	G3
<i>Ludwigia alata</i> C: interdune ponds, marshes (Brunswick, Camden*, Carteret*, Currituck*, Dare*, Hyde*, New Hanover, Onslow, Pasquotank*, Tyrrell)	Winged Seedbox	SR	-	S2?	G3G4
<i>Ludwigia lanceolata</i> C: interdune ponds, open wet areas (Brunswick, Dare, New Hanover?)	Lanceleaf Seedbox	C	-	SH	G7
<i>Ludwigia linifolia</i> C: limesink ponds (Brunswick*, Carteret*, New Hanover*, Onslow*, Scotland*)	Flaxleaf Seedbox	SR	-	S1	G4
<i>Ludwigia suffruticosa</i> CS: limesink ponds, clay-based Carolina bays (Bladen, Brunswick*, New Hanover*, Robeson*, Scotland*)	Shrubby Seedbox	SR	-	S2	G5
<i>Lycopodiella inundata</i> (not in RAB) M: bogs and seeps (Avery*, Watauga*)	Bog Clubmoss	C	-	S1	G5
<i>Lycopodium</i> (see <i>Huperzia</i> , <i>Lycopodiella</i>) <i>Lycopus cokeri</i> (see Watch List)					
<i>Lysimachia asperulifolia</i> (= <i>L. asperulaefolia</i>) CS: pocosin/savanna ecotones, pocosins (Beaufort, Bladen*, Brunswick*, Carteret*, Columbus, Cumberland*, Hoke*, Onslow*, Pamlico*, Pender*, Richmond, Scotland*)	Rough-leaf Loosestrife	E	E	S3	G3
<i>Lysimachia fraseri</i> M: forests, roadsides (Buncombe, Haywood, Henderson, Jackson*, Macon*, Transylvania*)	Fraser's Loosestrife	E	C2	S1	G2
<i>Macbridea caroliniana</i> C: blackwater swamps, savanna/pocosin ecotones, ditches (Bladen, Brunswick*, Columbus*, Jones, Onslow, Pender, Robeson*, Sampson)	Carolina Bogmint	C	C2	S1	G2G3
<i>Magnolia macrophylla</i> P: rich deciduous forests (Gaston*, Iredell*, Lincoln, Rowan, Wake*)	Bigleaf Magnolia	SR	-	S1S2	G5
<i>Malaxis bayardii</i> (not in RAB) MP: upland forests (Burke, Rowan, Watauga)	Appalachian Adder's-mouth	SR	-	SH	G3G4
<i>Malaxis spicata</i> C: maritime swamp forests, calcareous but mucky outer coastal plain swamps (Brunswick, Carteret*, Chowan*, Dare, Jones)	Florida Adder's Mouth	SR	-	S1	G3G4
<i>Manisuris</i> (see <i>Coelorachis</i>)					
<i>Marshallia grandiflora</i> MP: bogs, dry basic soils (Henderson, Polk)	Large-fl. Barbara's Buttons	C	C2	SH	G2
<i>Marshallia</i> sp. 1 (not in RAB) P: clayey upland soils over diabase (Granville*)	Butner Barbara's Buttons	C	-	S1	G1
<i>Marshallia trinervia</i> M: habitat not known (Macon)	Broadleaf Barbara's Buttons	C	-	SH	G3
<i>Matelea decipiens</i> PC: thin woodlands over mafic or calcareous rocks (Burke*, Davidson, Durham*, Franklin*, Granville*, Hertford, Jones, Orange, Polk, Rutherford, Stanly*, Wake*)	Glade Milkvine	SR	-	S2	G5
<i>Meehania cordata</i> M: cove forests, boulderfields (Alleghany, Ashe*, Avery, Haywood*, Madison, Watauga*, Yancey)	Meehania	SR	-	S2	G5
<i>Melanthium woodii</i> (not in RAB) M: habitat not known (Polk)	Ozark Bunchflower	C	3C	SH	G5
<i>Melica nitens</i> M: open calcareous woods (Madison)	Three-flowered Melic	SR	-	S1	G5

Natural Heritage Program List of the Rare Plants of North Carolina

25

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<i>Menyanthes trifoliata</i> (not in RAB) M: bogs (Watauga*)	Buckbean	T	-	S1	G5
<i>Milium effusum</i> M: high elevation forests or openings (Swain)	Millet-grass	C	-	SH	G5
<i>Minuartia godfreyi</i> (= <i>Arenaria godfreyi</i>) C: tidal freshwater marshes (Craven*, Jones)	Godfrey's Sandwort	E	C2	S1	G1
<i>Minuartia groenlandica</i> (= <i>Arenaria glabra</i> var. <i>groenl.</i>) MP: high elevation and low elevation rocky summits (Alleghany*, Ashe, Avery*, Burke*, Mitchell*, Stokes, Surry)	Greenland Sandwort	C	-	S2	G5
<i>Minuartia uniflora</i> (= <i>Arenaria uniflora</i> , incl. <i>M. alab.</i>) P: granite flatrocks (Anson*, Rowan, Rutherford*)	Single-flowered Sandwort	E	3C	S1	G3G4
<i>Monotropsis odorata</i> (including var. <i>lehmaniae</i>) PM: dry forests and bluffs (Alamance, Alleghany, Buncombe, Burke*, Caldwell, Catawba*, Chatham?, Cleveland*, Durham, Henderson, Jackson*, Macon, McDowell*, Orange*, Person, Polk, Rutherford*, Stokes*, Swain, Transylvania*, Wake)	Sweet Pinesap	C	PC2	S2	G3
<i>Muhlenbergia glabriflora</i> (not in RAB) P: clay soils (Durham)	Clay-pan Muhly	C	-	SH	G3G4
<i>Muhlenbergia glomerata</i> M: olivine barrens, fens, mafic cliffs (Ashe*, Clay)	Bristly Muhly	C	-	S1	G5
<i>Muhlenbergia sobolifera</i> M: dripping cliffs and rocky slopes (McDowell, Mitchell, Transylvania)	Rock Muhly	C	-	SH	G5
<i>Muhlenbergia torreyana</i> (not in RAB) CS: cypress savannas (Cumberland*, Hoke*, Onslow*, Richmond*, Robeson*)	Pinebarren Smokegrass	E	3C	S1	G3
<i>Myrica gale</i> (= <i>Gale palustris</i>) M: bogs (Henderson*)	Sweet Gale	E	-	S1	G5
<i>Myriophyllum laxum</i> CS: limesink ponds, waters of natural lakes (Brunswick*, Carteret*, Craven, Cumberland*, Hoke*, Onslow*)	Loose Watermilfoil	T	C2	S1	G2G3
<i>Myriophyllum tenellum</i> (not in RAB) C: waters of natural lakes (Bladen*, Washington)	Leafless Watermilfoil	C	-	S1	G5
<i>Narthecium americanum</i> M: bogs (Henderson)	Bog Asphodel	E	C1	SX	G2
<i>Nestronia umbellula</i> PSC: upland forests (Alexander, Burke*, Cabarrus, Chatham, Cumberland*, Durham*, Forsyth, Franklin, Gaston*, Granville*, Guilford*, Harnett, Hoke*, Iredell, Lee*, Lincoln, Mecklenburg, Moore*, Orange*, Polk, Richmond, Rowan, Rutherford, Stanly, Vance*, Wake*)	Nestronia	SR	C2/P3C	S3	G3G4
<i>Oenothera perennis</i> MPC: bogs (Ashe*, Avery, Hertford, Iredell, Macon, Transylvania, Tyrrell)	Perennial Sundrops	C	-	S1	G5
<i>Oldenlandia boscii</i> (not in NC in RAB) C: clay-based Carolina bays (Scotland*)	Bosc's Bluet	SR	-	S1	G5
<i>Onosmodium virginianum</i> (see Watch List)					
<i>Orbexilum lupinellum</i> (see Watch List)					
<i>Orbexilum macrophyllum</i> (= <i>Psoralea macrophylla</i>) M: low mountain forests or outcrops? (habitat not known) (Polk)	Bigleaf Scurfpea	E	C1*	SH	GH
<i>Orbexilum onobrychis</i> (= <i>Psoralea onobrychis</i>) M: habitat not known (Haywood)	Lanceleaf Scurfpea	C	-	SX?	G5
<i>Orbexilum pedunculatum</i> var. <i>pedunculatum</i> (= <i>Psor. ps. v. egland.</i>) M: open woodlands (Cherokee, Transylvania)	Sampson's-snakeroot	SR	-	S1?	G5T5?
<i>Oxypolis canbyi</i> (not in RAB) C: clay-based Carolina bays (Scotland*)	Canby's Cowbane	E	E	S1	G1G2
<i>Oxypolis ternata</i> (see Watch List)					
<i>Pachysandra procumbens</i> P: cove forests (Polk*)	Allegheny Spurge	C	-	S1	G4G5

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<i>Panax quinquefolius</i> (see Watch List)					
<i>Panax trifolius</i> (= <i>P. trifolium</i>)	Dwarf Ginseng	SR	-	S2	G5
MP: cove forests, northern hardwoods, other rich forests (Ashe*, Caldwell, Caswell, Cherokee*, Clay*, Durham, Graham*, Haywood*, Jackson, Macon, Orange, Swain, Wake*, Watauga)					
<i>Panicum flexile</i>	Wiry Panic Grass	SR	-	S1	G3G5
PM: glades and openings over mafic rocks (Ashe, Durham, Granville*, Orange)					
<i>Panicum lithophilum</i> (not in RAB)	Flatrock Panic Grass	C	-	S1	G2?Q
MP: soil islands on granite domes (Alexander?, Transylvania)					
<i>Panicum tenerum</i>	Southeastern Panic Grass	SR	-	S2	G4
CS: wet savannas, sandhill seeps, limesink ponds (Brunswick*, Carteret*, Columbus, Cumberland*, Moore, New Hanover*, Onslow*, Sampson*, Scotland*)					
<i>Panicum</i> (also see <i>Dichanthelium</i>)					
<i>Parnassia caroliniana</i>	Carolina Grass-of-Parnassus	E	C2	S2	G2
CS: wet savannas (Bladen*, Brunswick*, Columbus*, Cumberland*, Harnett*, Hoke*, Lee, Onslow*, Pender*)					
<i>Parnassia grandifolia</i>	Large-lvd. Grass-of-Parnassus	C	-	S1	G2G3
MCP: fens and seeps over calcareous or mafic rocks (Alleghany?, Ashe*, Avery, Brunswick*, Buncombe, Clay*, Columbus, Haywood*, McDowell*, Transylvania*)					
<i>Parthenium auriculatum</i> (= <i>P. integrifolium</i> var. <i>a.</i>)	Glada Wild Quinine	C	-	S1	G3?
PM: glades and openings over mafic rocks (Burke*, Durham*, Franklin*, Granville*, Guilford, Macon, Mecklenburg, Orange, Person, Rockingham, Union*, Warren)					
<i>Parthenium integrifolium</i> var. <i>mabryanum</i> (see Watch List)					
<i>Parthenium radfordii</i> (see Watch List)					
<i>Paspalum bifidum</i> (see Watch List)					
<i>Pedicularis lanceolata</i>	Swamp Lousewort	C	-	S1	G5
M: bottomlands, swampy woods (Buncombe, Cherokee, Clay, Haywood*, Jackson, Macon)					
<i>Pellaea wrightiana</i>	Wright's Cliff-brake	E-SC	-	S1	G5
P: rock outcrops, mafic or with nutrient-rich seepage (Alexander*, Stanly*)					
<i>Peltandra sagittifolia</i> (= <i>P. sagittaeifolia</i>)	Spoonflower	SR	-	S2	G3G4
C: pocosins, other wet, peaty sites (Brunswick*, Carteret, Columbus, Craven, Dare, Jones, New Hanover*, Onslow*, Pender*)					
<i>Peplis</i> (see <i>Didiplis</i>)					
<i>Phacelia ranunculacea</i>	Buttercup Phacelia	C	-	S2	G4
PC: bottomlands, rich lower slopes (Alamance*, Chatham*, Harnett*, Lee*, Moore*, Vance*)					
<i>Phaseolus sinuatus</i>	Sandhills Bean	C	-	S2	G2G3
SC: sandhills (Cumberland*, Harnett*, Hoke*, Moore*, Richmond*, Scotland*)					
<i>Phegopteris connectilis</i> (= <i>Thelypteris phegopteris</i>)	Northern Beach Fern	C	-	S1	G5
M: spray zone of waterfalls, spruce-fir forests, high elevation seepage bogs (Haywood*, Jackson*, Macon*, Swain, Transylvania)					
<i>Phlox subulata</i>	Moss Pink	SR	-	S1	G5
M: outcrops and glades, especially over mafic rocks (Ashe*, Buncombe*, Jackson, Madison, Yancey)					
<i>Physalis lanceolata</i>	Sandhill Ground Cherry	C	PC2	S2?	G3?
SC: sandhills (Cumberland, Harnett, Hoke*, Lee, Montgomery, Moore*, New Hanover, Richmond*, Robeson, Sampson, Scotland, Wayne)					
<i>Pinguicula pumila</i>	Small Butterwort	SR	-	S2	G4
C: savannas (Brunswick*, Carteret*, New Hanover, Pender*)					

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<i>Plantago cordata</i> P: beds of small, slate-bottomed, perennial streams (Davidson*)	Heart-leaf Plantain	E	3C	S1	G3
<i>Plantago sparsiflora</i> C: wet savannas (Bladen, Brunswick*, Columbus*, Pender*)	Pineland Plantain	E	C2	S1	G2
<i>Platanthera flava</i> var. <i>herbiola</i> (not in RAB) M: bogs and moist forests (Buncombe, Clay, Forsyth?, Graham, Haywood*, Jackson, Macon, Yancey)	Northern Green Orchid	SR	3C	S2?	G4T4
<i>Platanthera grandiflora</i> (= <i>Habenaria psycodes</i> var. <i>g.</i>) M: bogs, seeps, grassy balds, high elevation moist forests and banks (Avery*, Buncombe, Clay, Haywood*, McDowell, Watauga, Yancey)	Large Purple-fringed Orchid	SR	-	S2	G5
<i>Platanthera integra</i> (= <i>Habenaria integra</i>) CMP: savannas (Brunswick*, Carteret*, Cherokee?, Columbus*, Craven, Forsyth?, Henderson?, Onslow, Pamlico, Pender, Robeson, Rowan?)	Yellow Fringeless Orchid	T	3C	S1	G5
<i>Platanthera integrilabia</i> (= <i>Habenaria bleph.</i> var. <i>i.</i>) M: bogs (Cherokee, Henderson)	White Fringeless Orchid	E	C2	SX	G2
<i>Platanthera nivea</i> (= <i>Habenaria nivea</i>) C: wet savannas (Beaufort, Bladen, Brunswick*, Columbus, Craven*, Dare, Hoke, New Hanover*, Pender*, Robeson)	Snowy Orchid	T	-	S1	G5
<i>Platanthera peramoena</i> (= <i>Habenaria peramoena</i>) MP: bogs, forests (Buncombe, Burke, Caldwell, Clay, Durham*, Forsyth, Guilford*, Haywood, Henderson, Jackson*, Macon, Mitchell, Orange*, Swain, Transylvania*, Warren, Watauga, Yancey)	Purple Fringeless Orchid	C	3C	S1	G5
<i>Poa paludigena</i> (not in RAB) M: bogs (Avery*)	Bog Bluegrass	E	C2	S1	G2
<i>Poa palustris</i> M: spruce-fir forests, grassy balds (Avery, Haywood, Henderson, Macon, Mitchell, Polk, Swain, Watauga, Yancey)	Swamp Bluegrass	SR	-	S1	G5
<i>Poa saltuensis</i> (= <i>Poa languida</i>) M: olivine barrens (Clay*)	A Bluegrass	C	-	S1	G5?
<i>Polygala grandiflora</i> SC: sandhills (Richmond*, Robeson, Scotland*)	Showy Milkwort	SR	-	S1	G5?
<i>Polygala hookeri</i> C: savannas (Bladen, Brunswick*, Carteret*, Columbus, Craven, New Hanover, Onslow, Pender*, Sampson)	Hooker's Milkwort	C	-	S2	G3
<i>Polygonella articulata</i> C: sandhills (Gates)	Coast Jointweed	C	-	SH	G5
<i>Polygonum glaucum</i> C: ocean and sound beaches (Beaufort, Brunswick*, Carteret*, Dare, Hyde, New Hanover, Onslow)	Seabeach Buckwheat	C	-	S1	G3
<i>Polygonum hirsutum</i> CS: limesink ponds, clay-based Carolina bays, drawdown zones of blackwater riverbanks (Brunswick*, Carteret, Onslow, Richmond*, Scotland*)	Hairy Smartweed	SR	-	S1	G4G5
<i>Ponthieva racemosa</i> C: blackwater forests and swamps, especially over marl (Beaufort, Brunswick, Craven, Jones*, Onslow*, Pender*)	Shadow-witch	SR	-	S2	G4G5
<i>Porteranthus stipulatus</i> (= <i>Gillenia stipulata</i>) P: forests and open woods, mainly over mafic rocks (Cabarrus, Chatham, Davidson, Durham, Granville*, Lee, Montgomery, Moore, Orange, Person*, Union, Wake*)	Indian Physic	SR	-	S2	G5
<i>Portulaca smallii</i> P: granite flatrocks and diabase glades (Cabarrus*, Forsyth, Franklin*, Granville*, Rowan*, Wake*)	Small's Portulaca	T	3C	S2	G3
<i>Potamogeton confervoides</i> SC: beaverponds and old millponds on blackwater creeks (Cumberland*, Gates, Moore, Richmond, Scotland)	Conferva Pondweed	C	C2	S1	G5

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<i>Prenanthes roanensis</i> M: gressy belds, high elevation forests and outcrops (Allegheny*, Ashe*, Avery*, Buncombe*, Grehem*, Heywood*, Jackson*, McDowell, Mitchell*, Surry, Swain, Transylvania*, Yancey*)	Roan Rattlesnakeroot	SR	3C	S3	G3
<i>Prunus pumila</i> var. <i>susquehanae</i> MP: rocky forests (Durham, Henderson)	Susquehanna Cherry	C	-	SH	G5T4
<i>Psilocarya</i> (see <i>Rhynchospora</i>) <i>Psilotum nudum</i> (not in NC in RAB) C: acid swamp (Chowan*)	Whiskfern	C	-	S1	G5
<i>Psoralea</i> (see <i>Orbexilum</i> , <i>Pedimelum</i>) <i>Pteroglossaspis ecristata</i> (= <i>Eulophia ecristata</i>) C: pinelands (Bladen, Cumberland, Hoke*, New Hanover)	Spiked Medusa	E	C2	S1	G3G4
<i>Ptilimnium costatum</i> C: tidal swamps or marshes (New Hanover*)	Ribbed Bishopweed	C	-	S1	G3G4
<i>Ptilimnium nodosum</i> (including <i>Ptilimnium fluviatile</i>) P: rocky riverbeds (Chatham*, Granville*, Lee)	Herperella	E	E	S1	G2
<i>Ptilimnium</i> sp. 1 (not in RAB) C: tidal freshwater marshes (Brunswick*, New Hanover*, Pender)	Cerolina Bishopweed	C	-	S1	G2
<i>Pycnanthemum torreyi</i> (not in RAB) PM: dry upland forests and woodlands, over mafic rocks (Alexander, Ashe, Granville, Orange, Wilkes)	Torrey's Mountain-mint	C	-	S1	G2
<i>Pyrola elliptica</i> (not in RAB) M: moist forests (Ashe)	A Shinleaf	C	-	SH	G5
<i>Pyxidanthra barbulata</i> var. <i>brevifolia</i> S: sandhills (Cumberland*, Harnett*, Hoke*, Moore*)	Sandhills Pyxie-moss	E	3B/PC2	S2	G4T2
<i>Quercus austrina</i> CP: bluff and bottomland forests (Bladen, Harnett, Johnston, Montgomery*, Sempson, Union, Wayne)	Bluff Oak	SR	-	S1	G5
<i>Quercus ilicifolia</i> P: dry summits and rocky woods on Piedmont monadnocks (Burke*, Gaston*, Stokes*, Surry*)	Bear Oak	SR	-	S1	G5
<i>Quercus prinoides</i> PM: dry, rocky slopes (Buncombe, Caldwell, Cleveland, Gaston, Guilford, Iredell, Jackson, Person, Polk, Rutherford, Stenly)	Dwarf Chinquapin Oak	C	-	SH	G5
<i>Ranunculus ambigens</i> CP: open wet areas (Bertie, Orange, Perquimans)	Water-plantein Spearwort	C	-	SH	G4G5
<i>Ranunculus flabellaris</i> C: pools in blackwater swamps (Edgecombe, Gates*)	Yellow Water-crowfoot	C	-	S1	G5
<i>Ranunculus hederaceus</i> C: marshes (Currituck)	Ivy Buttercup	C	-	SH	G5
<i>Ranunculus micranthus</i> P: rich woods (Durham, Forsyth)	Rock Buttercup	SR	-	SH	G5?
<i>Rhexia aristosa</i> C: clay-based Carolina bays and limesink ponds (Bladen, Brunswick, Cumberland, Hoke*, Onslow*, Robeson*, Scotland*)	Awed Meadow-beauty	T	C2	S3	G3
<i>Rhexia cubensis</i> C: limesink ponds (Brunswick*, Carteret*, New Hanover*, Onslow*)	West Indies Meadow-beauty	SR	-	S1	G5
<i>Rhododendron cumberlandense</i> (not in RAB) M: gressy or shrub belds (Graham, Macon*, Transylvania)	Cumberland Azalea	SR	3C	S1	G2Q
<i>Rhododendron prinophyllum</i> (= <i>Rhododendron roseum</i>) M: high elevation forests (Ashe*)	Early Azalea, Election Pink	SR	-	S1	G5
<i>Rhododendron vaseyi</i> M: wet swampy places, high elevation rocky areas, openings, or forests (Avery*, Caldwell*, Heywood*, Jackson*, Macon*, McDowell, Mitchell, Transylvania*, Watauga*, Yancey)	Pink-shell Azalea	SR	3C	S3	G3

Natural Heritage Program List of the Rare Plants of North Carolina

29

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Rhus michauxii</i> SCP: sandhills, sandy forests, woodland, woodland edges (Davie*, Durham, Franklin*, Hoke*, Johnston, Lee*, Lincoln, Moore*, Orange, Richmond*, Robeson*, Scotland*, Union, Wake*, Wilson)	Michaux's Sumac	E-SC	E	S2	G2
<i>Rhynchospora alba</i> MCS: fens, bogs, pocosin openings, limesink ponds (Alleghany*, Ashe*, Brunswick*, Craven?, Cumberland?, Dare?, Mitchell*, Pender?, Tyrrell?, Watauga*)	Northern White Beaksedge	C	-	S2	G5
<i>Rhynchospora breviseta</i> S: savannas (Brunswick, Carteret*, Columbus*, Craven, Onslow*, Pender*)	Shortbristled Beaksedge	C	-	S1	G3G4
<i>Rhynchospora crinipes</i> (not in RAB) S: seepy banks of blackwater rivers (Hoke*, Moore*)	Alabama Beaksedge	C	C2	S1	G1
<i>Rhynchospora decurrens</i> C: swamp forests (Columbus)	Swamp Forest Beaksedge	C	C2*	SH	GH
<i>Rhynchospora divergens</i> (not in NC in RAB) C: wet savannas (Columbus*, Brunswick*)	Whiteseeded Beaksedge	SR	-	S1	G4
<i>Rhynchospora globularis</i> var. <i>pinetorum</i> (not in RAB) C: wet savannas (Brunswick*, Columbus*, Pender*)	Small's Beaksedge	SR	-	S1	G5T3?
<i>Rhynchospora harperi</i> (not in RAB) C: limesink ponds and cypress savannas (Carteret*, Onslow*)	Harper's Beaksedge	C	-	S1	G3
<i>Rhynchospora macra</i> (not in RAB) S: seepage bogs (Cumberland*, Harnett*, Hoke*, Moore*)	Southern White Beaksedge	E	-	S1	G3G4
<i>Rhynchospora odorata</i> C: maritime wet grasslands (Brunswick, Carteret*, Hyde*, Pender)	Fragrant Beaksedge	SR	-	S1	G4
<i>Rhynchospora oligantha</i> CSP: savannas, seepage bogs (Brunswick*, Carteret*, Columbus*, Cumberland*, Harnett*, Hoke*, Moore*, Onslow*, Pender*)	Feather-bristle Beaksedge	C	-	S2	G4
<i>Rhynchospora pallida</i> (see Watch List)					
<i>Rhynchospora pleiantha</i> C: limesink ponds (Brunswick*, Carteret*, New Hanover*, Onslow*)	Coastal Beaksedge	C	-	S1	G3
<i>Rhynchospora scirpoides</i> (= <i>Psilocarya scirpoides</i>) C: beaver ponds, limesink ponds, wet savannas (Brunswick*, Carteret*, Columbus, Harnett, Hoke*, Moore*, New Hanover*, Onslow*, Richmond*, Scotland*, Tyrrell)	Long-beak Baldsedge	SR	-	S2	G4
<i>Rhynchospora stenophylla</i> (see Watch List)					
<i>Rhynchospora thornei</i> (not in RAB) C: wet savannas (Onslow*, Pender*)	Thorne's Beaksedge	C	PC2	S1	G1
<i>Rhynchospora tracyi</i> C: clay-based Carolina bays, limesink ponds (Brunswick*, New Hanover*, Onslow*, Scotland*)	Tracy's Beaksedge	SR	-	S2	G4
<i>Robinia hispida</i> var. <i>fertilis</i> (not in RAB) M: acidic cove forests, northern hardwoods forests, high elevation granitic domes (Alleghany, Avery, Burke, Graham, Macon, McDowell)	Fruitful Locust	C	-	S1	G5T2
<i>Robinia hispida</i> var. <i>kelseyi</i> (= <i>Robinia kelseyi</i>) M: high elevation red oak forests, dry rocky woods (Buncombe, Burke, Haywood, Henderson, Madison, Polk, Rutherford, Transylvania)	Kelsey's Locust	C	-	S1	G5TUQ
<i>Robinia viscosa</i> var. <i>hartwegii</i> (= <i>Robinia hartwigii</i>) M: high elevation granitic domes (Jackson*, Macon*)	Hartweg's Locust	C	PC2	S1?	G3T1
<i>Rubus idaeus</i> ssp. <i>strigosus</i> (= <i>R. i.</i> var. <i>canadensis</i>) M: high elevation spruce-fir forests and openings (Buncombe*, Haywood*, Jackson*, Swain*, Yancey*)	Red Raspberry	SR	-	S2?	G5T5
<i>Rudbeckia heliopsisidis</i> C: moist pine flatwoods and woodland borders (Harnett*, Moore)	Sun-facing Coneflower	E	C2	S1	G2

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Rudbeckia triloba</i> var. <i>pinnatifida</i> (not in RAB) M: mafic cliffs (Buncombe*)	Pinnate-lobed Black-eyed Susan	C	C2	S1	G4T1T2
<i>Ruellia ciliosa</i> (not in NC in RAB) S: sandhills, especially in loamy, submesic swales (Richmond, Scotland*)	Sandhills Wild-petunia	C	-	S1	G?
<i>Ruellia humilis</i> P: diebese glades (Durham*, Greenville*, Wake*)	Low Wild-petunia	T	-	S1	G5
<i>Ruellia purshiana</i> PM: glades and woodlands, mostly over mafic or calcareous rocks (Durham, Forsyth, Granville*, Guilford, Madison, Mecklenburg*, Orange, Randolph, Rowan, Rutherford)	Pursh's Wild-petunia	SR	-	S1S2	G4
<i>Ruellia strepens</i> (not in NC in RAB) C: low woods over merl (Pender)	Limestone Wild-petunia	SR	-	S1	G4G5
<i>Ruellia nudicaulis</i> (= <i>Cacalia rugelii</i> , <i>Senecio rugelii</i>) M: spruce-fir forests (Haywood*, Swain*)	Rugel's Ragwort	T	C2	S3	G3
<i>Sabal palmetto</i> C: maritime forests on the southeastern coast (Brunswick*, New Hanover?, planted elsewhere)	Cabbage Palm	SR	-	S1	G5
<i>Sabatia kennedyana</i> (= <i>S. dodecandra</i> var. <i>kennedyana</i>) C: drawdown zones on banks of blackwater rivers (Brunswick*, Columbus*)	Plymouth Gentian	T-SC	-	S1	G3
<i>Sagaretia minutiflora</i> (not in NC in RAB) C: shell middens (Carteret, Onslow*, Pender*)	Smell-flowered Buckthorn	C	3C	S1	G4
<i>Sagittaria fasciculata</i> M: bogs and mountain swamp forests (Buncombe, Henderson*)	Bunched Arrowhead	E	E	S1	G1
<i>Sagittaria graminea</i> var. <i>chapmanii</i> (not in RAB) C: limesink ponds (Carteret*, Onslow*)	Chapman's Arrowhead	C	-	S1	G5T3
<i>Sagittaria isoetiformis</i> (= <i>S. teres</i> in RAB) CS: limesink ponds, clay-based Carolina bays, beaver ponds, natural lakes (Bleden?, Brunswick, Hoke*, Moore*, New Hanover, Scotland*, Washington?)	Quillwort Arrowhead	SR	-	S2	G3G4
<i>Sagittaria stagnorum</i> (= <i>S. subulata</i> var. <i>gracillima</i>) C: blackwater streams, rivers, and lakes (Columbus, Craven, Pender*, Wilson*)	Water Arrowhead	SR	-	S1	G4G5
<i>Salvia azurea</i> SC: sandhills (Hoke, New Hanover, Richmond, Scotland)	Azure Sage	SR	-	S1	G4G5
<i>Sanguisorba canadensis</i> M: bogs, seeps, rarely seepy exposed cliffs at high elevations (Allegheny*, Ashe*, Buncombe*, Clay*, Haywood*, Henderson, Jackson*, Macon, Mitchell, Transylvania*, Watauga*, Yancey*)	Ceneda Burnet	SR	-	S2	G5
<i>Sarracenia jonesii</i> (not in RAB) M: bogs (Buncombe, Henderson*, Transylvania*)	Mountain Sweet Pitcher Plant	E-SC	E	S1	G1Q
<i>Sarracenia minor</i> C: savannes (Bleden, Brunswick*, Columbus*, Cumberland, New Hanover)	Hooded Pitcher Plant	SR	-	S2	G4G5
<i>Sarracenia oreophila</i> (not in RAB) M: seepage bogs (Clay*)	Green Pitcher Plant	E-SC	E	S1	G2
<i>Satureja</i> (see <i>Calamintha</i>) <i>Saxifraga caroliniana</i> M: high to middle elevation moist cliffs and rock outcrops (Alleghany, Ashe*, Avery*, Graham*, Macon*, Mitchell*, Watauge*, others?)	Carolina Saxifrage	C	C2	S2	G2
<i>Saxifraga pensylvanica</i> MP: bogs, seeps (Wake*, Watauge*)	Swamp Saxifrage	C	-	S1	G5
<i>Schisandra glabra</i> C: rich slopes end floodplain "islands" (Martin*)	Megnolia Vine	T-SC	3C	S1	G4
<i>Schwalbea americana</i> SC: savannas end moist to dryish pinelands with frequent fire (Bleden, Cumberland*, Hoke*, Moore*, Pender, Scotland)	Cheffseed	E	E	S1	G2

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<i>Scirpus acutus</i> C: natural lakes (Cartaret, Cravan, Dare, Hyde)	Hardstem Bulrush	SR	-	SH	G5
<i>Scirpus cespitosus</i> M: high elevation rocky summits, moist cliffs (Asha*, Avary*, Buncombe*, Burke*, Caldwell, Haywood*, Jackson*, Macon*, Mitchall*, Rutherford*, Transylvania*, Yancey)	Daarhair Bulrush	C	-	S2	G5
<i>Scirpus etuberculatus</i> CS: blackwater creeks (Brunswick, Craven, Cumberland*, Harnatt, Hoke*, Hyda, Johnston, Moore*, Onslow*, Pander, Richmond, Scotland*, Wayne)	Canby's Bulrush	SR	-	S3	G3G4
<i>Scirpus flaccidifolius</i> (not in RAB) C: swamp forests (Northampton)	Reclining Bulrush	C	C2	S1	G17Q
<i>Scirpus lineatus</i> (= <i>S. fontinalis</i> in RAB) C: low rich woods over marl (Craven*, Jones*, Onslow*, Pender*)	Drooping Bulrush	C	-	S2	G4
<i>Scirpus pendulus</i> (= <i>S. lineatus</i> in RAB) P: wet places over mafic rocks (such as diabase) (Durham, Granville)	Rufous Bulrush	SR	-	S1	G5
<i>Scirpus subterminalis</i> S: blackwater creeks (Cumberland*, Harnett*, Hoke*, Moore, Richmond*, Scotland*)	Swaying Bulrush	SR	-	S2	G4G5
<i>Scleria baldwinii</i> C: wat savannas (Carteret*, Columbus*)	Baldwin's Nutrush	C	-	S1	G3G4
<i>Scleria georgiana</i> CS: savannas (Brunswick*, Cartaret*, Columbus*, Craven*, Hoke*, New Hanover*, Onslow*, Robeson*, Scotland*)	Georgia Nutrush	SR	-	S2	G4
<i>Scleria minor</i> (see Watch List)					
<i>Scleria reticularis</i> (sensu stricto) CS: clay-based Carolina bays, limasink ponds (Brunswick*, Cumberland*, Hoke*, New Hanover, Onslow*, Sampson*, Scotland*)	Netted Nutrush	SR	-	S2	G3G4
<i>Scleria verticillata</i> C: savannas (Brunswick*, Carteret*, Columbus, Dare, Hyde, Pandar*)	Savanna Nutrush	C	-	S1	G5
<i>Scutellaria arguta</i> (not in RAB) M: rocky forests, boulderfields (Buncombe, Mitchall)	Appalachian Skullcap	C	PC2	SH	G1
<i>Scutellaria australis</i> (not in RAB) PS: alluvial forests (Granville*, Johnston, Lae, Orange, Richmond)	Southern Skullcap	C	-	S1	G7
<i>Scutellaria galericulata</i> (not in RAB) M: habitat not known (Yancey)	A Skullcap	C	-	SH	G5
<i>Scutellaria leonardii</i> (not in RAB) P: diabase glades (Durham*, Granville*, Orange*)	Shale-barren Skullcap	C	-	S1	G4
<i>Scutellaria nervosa</i> P: alluvial forests (Chatham, Durham, Granville*, Jackson?, Northampton*, Wake, Warren)	Veined Skullcap	SR	-	S1	G5
<i>Scutellaria saxatilis</i> MP: northern hardwoods forests, rocky woodlands (Ashe*, Burke*, Mitchell, Rutherford*, Watauga)	Rock Skullcap	C	C2/P3C	S1	G4
<i>Sedum glaucophyllum</i> (= <i>S. nevii</i>) PM: rock outcrops, mainly calcareous or mafic (Jackson*, Macon*, Montgomery*, Rockingham*, Surry, Waka)	Cliff Stonecrop	SR	-	S2	G3G4
<i>Sedum pusillum</i> P: granite flatrocks (Anson*)	Puck's Orpine	E	C2/P3C	S1	G3
<i>Sedum rosea</i> (var. <i>roanensis</i>) M: high elavation rocky summits (Ashe?, Mitchell, Watauga?)	Roseroot, King's Crown	E	3B	S1	G5
<i>Senecio millefolium</i> M: granitic domes, other outcrops (Buncombe*, Henderson, Jackson*, Macon*, Polk*, Rutherford*)	Divided-leaf Ragwort	T	C2	S2	G2?

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Senecio pauperculus</i> PMC: fens, bogs, and diabase glades (Alleghany*, Avery, Durham?, Edgecombe?, Granville?, Nash?, Transylvania, Yancey*)	Balsam Ragwort	SR	-	S1?	G5
<i>Senecio plattensis</i> (not in RAB) M: mafic and calcareous rock outcrops and cliffs (Ashe*, Clay, Madison)	Prairie Ragwort	C	-	S1	G5
<i>Senecio schweinitzianus</i> (= <i>S. robbinsii</i>) M: grassy balds (Avery*, Mitchell*, Watauga*, Yancey*)	Schweinitz's Ragwort	E	-	S2	G5?
<i>Senecio</i> (also see <i>Cacalia</i>)					
<i>Seymeria pectinata</i> C: disturbed habitats (Brunswick)	Sticky Afzelia	C	-	SH	G4G5
<i>Shortia galacifolia</i> var. <i>brevistyla</i> (not in RAB) M: streambanks, slopes, and outcrops in humid gorges (McDowell*)	Northern Oconee Bells	E-SC	C2	S1	G2T1Q
<i>Shortia galacifolia</i> var. <i>galacifolia</i> M: streambanks, slopes, and outcrops in humid gorges (Transylvania*)	Southern Oconee Bells	E-SC	C2	S2	G2T2
<i>Sida elliotii</i> C: stream banks, sandy woodlands (Nash, Wake)	Elliott's Fan-petal	C	-	SH	G4G5
<i>Sideroxylon tenax</i> (= <i>Bumelia tenax</i> ; not in NC in RAB) C: maritime forests and scrub (Brunswick*, New Hanover)	Tough Bumelia	C	-	S1	G3?
<i>Silene ovata</i> M: rich slopes, cove forests (Buncombe*, Haywood*, Henderson*, Jackson*, Macon, Madison*, Rutherford, Swain, Yancey*)	Mountain Catchfly	C	C2	S2	G3
<i>Silphium connatum</i> (not in RAB) P: floodplains, rich alluvial woods (Alleghany, Rockingham, Stokes*)	Virginia Cup-plant	SR	-	S1	G3
<i>Silphium perfoliatum</i> PM: floodplains (Alleghany, Ashe, Cabarrus*, Forsyth, Iredell, Mecklenburg, Stokes)	Northern Cup-plant	SR	-	S1	G5
<i>Silphium terebinthinaceum</i> P: diabase glades, other open or semi-open sites over mafic rock (Cabarrus*, Durham*, Granville*, Mecklenburg*, Wake)	Prairie Dock	C	-	S2	G4G5
<i>Sisyrinchium dichotomum</i> (not in RAB) M: thin woods, especially over amphibolite, in the escarpment region (Henderson*, Polk*, Rutherford*)	White Irisette	E	E	S1	G1
<i>Smilax biltmoreana</i> (= <i>S. ecirrhata</i> var. <i>biltmoreana</i>) PM: dry to mesic forests, over felsic or mafic rocks (Buncombe, Cabarrus, Catawba*, Cleveland, Gaston, Henderson, Jackson*, Lincoln, Polk*, Randolph, Rutherford, Transylvania*)	Biltmore Carrion-flower	C	-	S2	G2G3
<i>Smilax lasioneura</i> (not in RAB) M: oak-hickory forests over mafic rocks (Burke?, Guilford, Polk)	A Carrion-flower	C	-	S1	G5
<i>Solidago gracillima</i> (not in NC in RAB) C: savannas, boggy sites, peaty places (Brunswick*, Jones*, Onslow*)	Graceful Goldenrod	SR	-	S1S2	G4?
<i>Solidago leavenworthii</i> C: savannas, pocosin borders, clay-based Carolina bays, peaty seeps (Carteret*, Robeson*)	Leavenworth's Goldenrod	SR	-	S1	G4?
<i>Solidago plumosa</i> (not in RAB) P: riverside rocks	Yadkin River Goldenrod	C	C1*	SH	GH
<i>Solidago ptarmicoides</i> (not in RAB) P: diabase glades (Granville*, Rowan)	Prairie Goldenrod	E	-	S1	G5
<i>Solidago pulchra</i> (not in RAB) C: savannas (Bladen, Brunswick*, Carteret*, Cumberland*, Jones*, New Hanover, Onslow*, Pamlico, Pender*)	Carolina Goldenrod	E	C2	S3	G3
<i>Solidago radula</i> P: dry woodlands over mafic rocks (Stanly*)	Western Rough Goldenrod	C	-	S1	G5?

Natural Heritage Program List of the Rare Plants of North Carolina

33

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Solidago rigida</i> ssp. <i>glabrata</i> (not in RAB) P: diabase glades, other open sites over mafic rock (Cabarrus*, Durham*, Granville*, Mecklenburg, Person, Rockingham*)	Southeastern Bold Goldenrod	SR	-	S2	G5T4
<i>Solidago rigida</i> ssp. <i>rigida</i> M: forest openings, presumably on mafic or calcareous rocks (Haywood, Madison)	Prairie Bold Goldenrod	C	-	SH	G5T5
<i>Solidago spithamea</i> M: high elevation rocky summits (Avery*, Mitchell*)	Blue Ridge Goldenrod	E	T	S1	G1
<i>Solidago squarrosa</i> M: moist forests at high elevations (Buncombe, Caldwell, Mitchell, Yancey)	Squarrose Goldenrod	SR	-	S1	G4?
<i>Solidago tortifolia</i> CS: dry savannas and sandhills (Bladen, Jones, New Hanover, Robeson, Scotland)	Twisted-leaf Goldenrod	SR	-	S1?	G4G5
<i>Solidago uliginosa</i> MSP: bogs, seeps (Ashe*, Haywood*, Macon*, Moore?, Rutherford?, Transylvania?, Watauga?, Yancey?)	Bog Goldenrod	SR	-	S1S2	G4G5
<i>Solidago verna</i> CS: mesic to moist pinelands, pocosin ecotones (Bladen*, Brunswick*, Carteret*, Columbus, Craven*, Cumberland*, Harnett*, Hoke*, Johnston*, Jones*, Moore*, New Hanover, Onslow*, Pamlico*, Pender*, Sampson*, Scotland)	Spring-flowering Goldenrod	E	C2	S3	G3
<i>Solidago</i> (also see <i>Chrysoma</i>) <i>Sparganium angustifolium</i> (= <i>S. chlorocarpum</i>) M: pondshores (Avery)	Greenfruit Bur-reed	C	-	SH	G5
<i>Spartina pectinata</i> MCS: freshwater marshes, spray zones of waterfalls, other moist sites (Alleghany, Ashe, Chowan?, Mitchell, Montgomery, Transylvania)	Freshwater Cordgrass	SR	-	S1	G5
<i>Spiraea betulifolia</i> var. <i>corymbosa</i> (= <i>S. betulifolia</i>) P: open woodlands, thin soil over rock (Alexander*, Stokes, Surry)	Shinyleaf Meadowsweet	SR	-	S1	G4G5T4
<i>Spiraea virginiana</i> M: riverbanks (Ashe*, Buncombe, Graham, Macon*, Mitchell*, Yancey*)	Virginia Spiraea	E	T	S1	G1
<i>Spiranthes brevifolia</i> var. <i>floridana</i> (= <i>S. grac.</i> var. <i>f.</i>) C: moist sites (Beaufort, Pender)	Florida Ladies'-tresses	SR	-	S1	G?T?
<i>Spiranthes laciniata</i> C: moist wet habitats (Beaufort, Brunswick*, Carteret*, Columbus, Onslow*)	Lace-lip Ladies'-tresses	C	-	S1	G4G5
<i>Spiranthes longilabris</i> C: savannas (Bladen, Brunswick*, Carteret*, Pender)	Giant Spiral Orchid	C	-	S1	G3
<i>Spiranthes lucida</i> (not in RAB) M: seepage over amphibolite (Ashe*)	Shining Ladies'-tresses	C	-	S1	G5
<i>Spiranthes ochroleuca</i> (not in RAB) M: grassy balds, meadows, wooded slopes (Ashe*, Avery, Buncombe, Haywood, Watauga*, Yancey)	Yellow Ladies'-tresses	SR	-	S1	G4
<i>Sporobolus heterolepis</i> M: olivine barrens (Clay*, Jackson)	Prairie Dropseed	E	-	S1	G5
<i>Sporobolus</i> sp. 1 (see Watch List)					
<i>Sporobolus teretifolius</i> (sensu stricto) C: wet savannas (Brunswick*, Columbus*)	Wireleaf Dropseed	T	C2	S1	G2?
<i>Sporobolus virginicus</i> C: brackish marshes (Brunswick)	Saltmarsh Dropseed	SR	-	S1	G5
<i>Stachys clingmanii</i> M: spruce-fir forests, northern hardwoods forests (Graham, Haywood, Jackson, Swain, Transylvania)	Clingman's Hedge-nettle	C	-	S1	G3Q
<i>Stachys eplingii</i> (= <i>S. nuttallii</i> in RAB) M: bogs (Burke, Henderson, Jackson)	Epling's Hedge-nettle	SR	-	S1	G5

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<i>Stellaria alsine</i> M: seeps (Medison)	Longstalk Starwort	SR	-	S1	G5
<i>Stellaria corei</i> (see Watch List)					
<i>Stenanthium robustum</i> (not in RAB) M: bogs and wet meadows (Alleghany*, Ashe*, Avery*, Macon)	Bog Featherbells	SR	-	S1	G?
<i>Streptopus amplexifolius</i> M: spruce-fir forests, northern hardwoods forests (Buncombe*, Jackson*, Macon, Mitchell, Swain, Yancey)	White Mandarin	C	-	S1	G5
<i>Stylisma aquatica</i> (= <i>Bonamia aquatica</i>) C: clay-based Carolina bays, moist sandy pinelands (Brunswick, Scotland*)	Water Dawnflower	SR	-	S1	G3G4
<i>Stylisma pickeringii</i> var. <i>pickeringii</i> (= <i>Bonamia p.</i>) SC: sandhills (Cumberland*, Harnett*, Hoke*, Moore*, New Hanover, Richmond*, Scotland*)	Pickering's Dawnflower	E	C2	S2	G4?T2
<i>Swertia</i> (see <i>Fraseria</i>)					
<i>Synandra hispidula</i> M: rich cove forests (Swain)	Synandra	C	3C	SH	G3
<i>Syngonanthus flavidulus</i> (see Watch List)					
<i>Synosma suaveolens</i> (= <i>Cacalia suaveolens</i>) M: bottomlands (Buncombe, Henderson, Transylvania)	Sweet Indian-plainte	C	PC2	SH	G3?
<i>Taxus canadensis</i> (not in RAB) M: bogs, swamp forests under spruce (Ashe*, Watauga*)	Canada Yew	SR	-	S1	G5
<i>Thalictrum cooleyi</i> C: wet savannas (Brunswick*, Columbus*, New Hanover, Onslow*, Pender*)	Cooley's Meadowrue	E	E	S1	G1
<i>Thaspium pinnatifidum</i> M: calcareous slopes (Heywood*, Jackson, Madison*, Swain)	Mountain Thaspium	C	-	S1	G3G4
<i>Thelypteris simulata</i> (not in RAB) M: bogs (Alleghany*, Avery*)	Bog Fern	T	-	S1	G5
<i>Thelypteris</i> (also see <i>Phegopteris</i>)					
<i>Thermopsis fraxinifolia</i> MP: dry ridges (Buncombe, Burke*, Caldwell, Henderson, Jackson, McDowell, Polk, Stokes, Surry, Transylvania*, Yancey)	Ash-leaved Golden-banner	C	-	S2?	G3?
<i>Thermopsis mollis</i> PM: dry ridges and open woodlands (Buncombe, Burke*, Cetawbe*, Chatham, Cleveland*, Durham, Forsyth, Franklin, Gaston, Granville*, Guilford, Henderson, Iredell, Lincoln, Rutherford*, Stokes, Surry, Transylvania, Wake, Warren*)	Appalachian Golden-banner	SR	-	S2?	G3G4
<i>Tofieldia glabra</i> CS: savannas, sandhill seeps, moist sandhill/pocosin ecotones (Beaufort, Bleden, Brunswick*, Carteret*, Columbus*, Creven, Cumberland*, Duplin, Harnett*, Hoke*, Johnston, Martin, Moore, New Hanover*, Onslow*, Pamlico, Pender*, Richmond*, Robeson, Sempson, Scotland*, Wilson)	Carolina Asphodel	C	C2	S3	G3
<i>Tofieldia glutinosa</i> (= <i>T. racemosa</i> var. <i>glutinosa</i>) MP: bogs, seepages (especially over mafic rocks) (Ashe*, Caldwell, Haywood*, Henderson, Jackson*, Transylvania*)	Sticky Bog Asphodel	C	-	S1	G5
<i>Torreyochloa pallida</i> (= <i>Glyceria pallida</i>) CM: blackwater pools, old millponds, and small stream swamps (Avery, Columbus, Currituck*, Duplin, Getes)	Pale Mannegrass	SR	-	S1	G5?
<i>Tradescantia virginiana</i> P: rich woods on circumneutral soils (Caswell, Harnett*, Montgomery*, Moore*, Orange, Rockingham, Stanly)	Virginia Spiderwort	SR	-	S1	G5
<i>Trichomanes boschianum</i> M: spray zone of waterfalls, seeps over rock (Jackson*, Macon*, Polk)	Appalachian Filmy-fern	T	-	S1	G4

Natural Heritage Program List of the Rare Plants of North Carolina

35

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
		NC	US	NC	Global
<i>Trichomanes petersii</i> M: moist rocks in humid gorges (Graham, Macon*, Transylvania*)	Dwarf Filmy-fern	T	-	S1	G3
<i>Trichostema brachiatum</i> (not in RAB, = <i>Isanthus brachiatus</i>) PM: diabasa glades, other dry calcareous or mafic outcrops (Granville*, Madison, Oranga, Rockingham*, Yancay)	Glade Bluecurls	C	-	S1	G4G5
<i>Trichostema</i> sp. 1 (not in RAB) C: dunes, openings in maritime forest and scrub (Brunswick*, Carteret*, Dare*, Hyde*, New Hanover*)	Dune Bluecurls	C	C2	S2	G2
<i>Tridens ambiguus</i> (not in NC in RAB) C: clay-based Carolina bays (Scotland*)	Pineland Triodia	SR	-	S1	G3G4
<i>Tridens carolinianus</i> S: sandhills and pine flatwoods (Brunswick, Cumberland*, Harnett*, Hoke*, Moore*, Richmond*, Scotland*)	Carolina Triodia	C	PC2	S2	G2G3
<i>Tridens strictus</i> C: pine flatwoods (Duplin, Hoke, Pandar, Robeson)	Spike Triodia	C	-	SH	G5
<i>Trientalis borealis</i> (not in RAB) M: coves (Graham*, Haywood*)	Starflower	C	-	S1	G5
<i>Trifolium carolinianum</i> C: savannas, sandy open areas (Duplin, New Hanover, Onslow)	Carolina Clover	C	-	SH	G5
<i>Trillium discolor</i> M: rich coves in the Savannah River drainage (Jackson*, Transylvania*)	Mottled Trillium	T	-	S1	G3
<i>Trillium flexipes</i> (not in RAB) M: rich coves (Handerson, Swain)	Bent White Trillium	C	-	SH	G5
<i>Trillium pusillum</i> var. 1 (not in RAB) M: rich cove forests (Clay*, Haywood)	Alabama Least Trillium	E	C2	S1	G3T3
<i>Trillium pusillum</i> var. <i>pusillum</i> CP: ecotones between savannas and nonriverine wet hardwood forests, over marl (Halifax*, Johnston*, Nash*, Pender*, Wake)	Carolina Least Trillium	E	C2	S1	G3T1
<i>Trillium pusillum</i> var. <i>virginianum</i> (not in RAB) C: mesic to swampy hardwood forests (Camden*, Currituck*, Gates*)	Virginia Least Trillium	E	C2	S1	G3T2
<i>Trillium recurvatum</i> (not in RAB) M: rich coves (Madison*)	Prairie Trillium	C	-	S1	G5
<i>Trillium sessile</i> (not in RAB) C: rich alluvial levees and slopes (Halifax*, Northampton*)	Sessile-flowered Trillium	SR	-	S1	G4G5
<i>Trillium simile</i> (not in RAB) MP: rich coves (Burke*, Haywood*, Madison*, McDowell*, Polk*, Rutharford*, Swain)	Sweet White Trillium	SR	-	S1	G3
<i>Trisetum spicatum</i> M: grassy balds and/or high elevation rocky summits (Mitchell)	Soft Trisetum	E	-	SX	G5T4T5
<i>Urtica chamaedryoides</i> C: rich alluvial levees (Bertie*, Halifax*)	Dwarf Stinging Nettle	SR	-	S1	G4G5
<i>Utricularia geminiscapa</i> (not in RAB) SC: seepage areas on Suffolk Scarp, beaver ponds (Beaufort, Hoke*, Moore*)	Two-flowered Bladderwort	C	-	S1	G4G5
<i>Utricularia minor</i> (not in RAB) M: bogs (Watauga)	Small Bladderwort	C	-	SH	G5
<i>Utricularia olivacea</i> C: limesink ponds, beaver ponds (Brunswick*, Carteret*, Craven, Cumberland*, Hoke*, New Hanover*, Onslow*, Pender*)	Dwarf Bladderwort	T	-	S2	G4
<i>Utricularia resupinata</i> (not in RAB) C: natural lakes (blackwater) (Washington)	Northeastern Bladderwort	SR	-	S1	G4?
<i>Vaccinium hirsutum</i> M: ridgetop red oak forests (Cherokee*, Graham*, Swain)	Hairy Blueberry	C	-	S2	G3?

Scientific Name	Common Name	Status		Rank	
Province: Habitat (Counties of Occurrence)		NC	US	NC	Global
<i>Vaccinium macrocarpon</i> MC: bogs, saeps, pocosins (Alleghany*, Ashe*, Avery*, Bladen, Brunswick*, Burke*, Cumberland*, Currituck, Dare*, Haywood*, Watauga*)	Cranberry	C	-	S2	G4
<i>Veratrum</i> (see <i>Melanthium</i>)					
<i>Verbena riparia</i> P: habitat not known (Caldwell?, Stenly?)	Riverbank Vervain	C	C2*	SH	GH
<i>Verbesina walteri</i> (not in RAB) M: rich cove forests (Polk*)	Walter's Crownbeard	C	-	S1	G3G4
<i>Veronica americana</i> MC: seeps, bogs (Alleghany*, Ashe*, Avery*, Craven?, Madison*, Mitchell, Watauga*, Yancey)	American Speedwell	SR	-	S2	G5
<i>Viola appalachensis</i> (not in RAB) M: olive barrens (Cley*)	Appalachian Violet	C	-	S1	G3Q
<i>Waldsteinia lobata</i> (not in RAB) M: streambanks and ravines (Jackson, Transylvania)	Lobed Barren-strewnberry	C	C2	S1	G2?
<i>Warea cuneifolia</i> S: sandhills (Harnett, Hoke*)	Caroline Pineland-cress	C	-	S1	G4
<i>Woodsia appalachiana</i> (= <i>W. scopulina</i>) M: cliffs, rock outcrops (Alleghany*, Ashe, Buncombe, McDowell*, Polk*, Surry*, Wilkes)	Appalachian Cliff Fern	SR	-	S1	G5
<i>Woodsia ilvensis</i> M: cliffs, rock outcrops (Ashe*, Surry*)	Rusty Cliff Fern	SR	-	S1	G5
<i>Xyris brevifolia</i> C: savannas, other low wet areas (Brunswick*, Columbus, Onslow*, Pender*)	Shortleaf Yellow-eyed Grass	SR	-	S2	G4G5
<i>Xyris chapmanii</i> (not in RAB) S: mucky sandhill seeps (Cumberland*, Harnett*, Hoke*, Moore*, Scotland*)	Chapman's Yellow-eyed Grass	C	-	S1	G2G3
<i>Xyris difformis</i> var. <i>floridana</i> (not in RAB) C: savannas (Onslow)	Florida Yellow-eyed Grass	C	-	SH	G5T4T5
<i>Xyris elliotii</i> (not in NC in RAB) C: low wet areas (Hoke*, Moore*, Onslow*, Pender*)	Elliott's Yellow-eyed Grass	SR	-	S1	G4
<i>Xyris flabelliformis</i> C: savannas (Bladen, Brunswick, Carteret, Cumberland, Onslow*)	Savanna Yellow-eyed Grass	C	-	S1	G4
<i>Xyris scabrifolia</i> (not in RAB) S: sandhill seeps and bogs (Cumberland*, Harnett*, Hoke*, Moore*)	Roughleaf Yellow-eyed Grass	C	C2	S1	G2G3
<i>Yucca gloriosa</i> C: dunes (Brunswick*, Carteret*, Dare*, Hyde, New Hanover, Onslow*)	Moundlily Yucca	SR	-	S2?	G3
<i>Zigadenus elegans</i> ssp. <i>glaucus</i> (= <i>Z. glaucus</i>) M: calcareous rock outcrops (Buncombe, McDowell*, Yancey)	White Camas	C	-	S1	G5T4?
<i>Zigadenus leimanthoides</i> M: high elevation rocky summits, thin soil at high elevations (Ashe, Avery*, Burke*, Yancey)	Pinabarran Death-camas	C	-	S1	G4Q

MOSESSES

<i>Barbula</i> (see <i>Bryoerythrophyllum</i>)					
<i>Bartramidula wilsonii</i> (= <i>B. cernua</i>) M: in spray zones of waterfalls, moist rocks in humid gorges (Jackson, Macon, Rutherford, Transylvania*)	Dwarf Apple Moss	SR	-	S1	G3?
<i>Brachydontium trichodes</i> M: on moist rocks in spruce-fir forests (Mitchell*, Swain)	Peak Moss	C	-	S1	G2?
<i>Brachymenium andersonii</i> M: on humus in acidic cove forests (mixed hardwood-hemlock) (Macon)	Anderson's Melon-moss	C	C1*	SH	GH

Natural Heritage Program List of the Rare Plants of North Carolina

37

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Brachymenium systylium</i> M: on humus in acidic cove forests (mixed hardwood-hemlock) (Macon)	Mexican Melon-moss	C	-	S1	G5
<i>Brachythecium populeum</i> M: mountain forests (Caldwell)	Matted Feather Moss	SR	-	SH	G5
<i>Brachythecium rotæenum</i> M: on bark or rock in cove forests (Jackson, Martin, McDowell)	Rota's Feather Moss	SR	-	S1	G3G4
<i>Bryocrumia vivicolor</i> (= <i>B. andersonii</i>) M: rocks and streambanks in humid gorges, spray zones of waterfalls (Jackson, Transylvania)	Gorge Moss	E	C2	SH	G1
<i>Bryoerythrophyllum ferruginascens</i> M: on moist rocks or soil at high elevations (Jackson*)	A Moss	C	-	S1	G4
<i>Bryoerythrophyllum inaequalifolium</i> (= <i>Barbula i.</i>) M: on thin soil over shale (McDowell)	A Moss	C	-	S1	G4?
<i>Bryoxiphium norvegicum</i> M: rocks in humid gorges, spray zones of waterfalls (Jackson*, Macon*, McDowell)	Sword Moss	SR	-	S1	G3?
<i>Bryum riparium</i> M: spray zones of waterfalls (Transylvania)	Riverside Bryum	C	-	SH	G?
<i>Buxbaumia aphylla</i> M: forests, roadside banks (Haywood)	Bug-on-a-stick	SR	-	SH	G2G3
<i>Buxbaumia minakatae</i> M: on rotten logs and stumps in mountain forests	Hump-backed Elves	C	-	SH	G2G3
<i>Campylium stellatum</i> (var. <i>stellatum</i>) M: fens (Ashe)	Yellow Starry Fen Moss	SR	-	S1	G5T5
<i>Campylopus atrovirens</i> var. <i>cucullatifolius</i> M: cliffs, high elevation rocky summits (Ashe, Haywood*, Macon, Transylvania*)	Cliff Campylopus	SR	-	S1	G4?T3?
<i>Campylopus carolinae</i> C: savannas, sandhills (Brunswick, Carteret, Scotland*)	Savanna Campylopus	C	C2	S1	G1?
<i>Campylopus oerstedianus</i> P: granite flatrocks (Wake)	Oersted's Campylopus	C	-	S1	G1G3
<i>Campylopus paradoxus</i> M: high elevation rock outcrops (Avery)	Paradoxical Campylopus	C	-	S1	G3?
<i>Cirriphyllum piliferum</i> M: moist rocks, wet by seepage or waterfall spray (Jackson, McDowell, Swain, Transylvania*, Wilkes)	A Moss	SR	-	S1	G5
<i>Coscinodon cribrus</i> (= <i>Grimmia cribrus</i>) M: high elevation rocky summits (Alleghany)	Copper Grimmia	C	-	S1	G3G5
<i>Dichodontium pellucidum</i> M: seepage or spray zones of waterfalls on mafic or calcareous rocks (Ashe, Haywood, Jackson, Macon, McDowell, Mitchell, Swain, Transylvania)	A Moss	SR	-	S2	G4G5
<i>Dicranum undulatum</i> M: bogs, seeps (Avery*, Burke, Haywood, Yancey)	Bog Broom-moss	SR	-	S1	G5
<i>Ditrichum ambiguum</i> M: acidic cove forests (Macon)	Ambiguous Ditrichum	C	-	S1	G3?
<i>Drepanocledus</i> (see <i>Wernstorffia</i>)					
<i>Encalypte procera</i> M: on moist calcareous rocks (Macon, McDowell)	Extinguisher Moss	SR	-	S1	G4G5
<i>Entodon compressus</i> MP: on moist calcareous rocks (Macon, McDowell, Person, Rockingham)	Flattened Entodon	C	-	S1	G3G4
<i>Entodon concinnus</i> M: on moist calcareous rocks (McDowell)	Lime Entodon	C	-	S1	G5
<i>Entodon sullivanii</i> M: on rocks or bark in humid gorges and cove forests (Buncombe, Caldwell, Graham, Macon, McDowell, Polk, Transylvania*)	Sullivan's Entodon	SR	-	S2	G3G4

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Eucladium verticillatum</i> M: on moist calcareous rocks (McDowell)	Lime-seep Eucladium	SR	-	S1	G5
<i>Eurhynchium</i> (see <i>Platyhypnidium</i>)					
<i>Fissidens hallii</i> C: on bark in cypress-gum swamps (Jones)	Hall's Pocket Moss	C	-	S1	G2
<i>Grimmia</i> (see <i>Coscinodon</i>)					
<i>Homalia trichomanoides</i> M: in spray zones of waterfalls, on rocks in humid gorges (Avery, Jackson, Macon, McDowell, Transylvania*)	Lime Homalia	C	-	S1	G5
<i>Homaliadelphus sharpii</i> M: on dry mafic or calcareous rocks in gorges (Jackson)	Sharp's Homaliadelphus	C	-	S1	G2G3
<i>Hygrohypnum closteri</i> MP: on rocks submersed in streams (McDowell, Orange, Polk, Swain)	Closter's Brook-hypnum	SR	-	S1	G3
<i>Leptodontium excelsum</i> M: on bark of Fraser Firs and Red Spruces in spruce-fir forests (Avery, Haywood, Jackson, Swain, Transylvania)	Grandfather Mtn. Leptodontium	C	-	S1	G2?
<i>Leptodontium flexifolium</i> M: high elevation rocky summits and moist calcareous rocks (Ashe, Avery, Haywood, Swain, Transylvania, Yancey)	Pele-margined Leptodontium	SR	-	S1	G5
<i>Leptohymenium sharpii</i> (= <i>Pterigynandrum sharpii</i>) M: moist rocks in spruce-fir forests (Haywood, Yancey)	Mount Leconte Moss	C	C2	S1	G1G2
<i>Lindbergia brachyptera</i> M: bark of hardwoods (Ashe, Cherokee)	Lindberg's Maple-moss	SR	-	S1	G5
<i>Macrocoma sullivantii</i> MP: bark of cedar or hardwoods (Cley, Jackson, Macon, Transylvania*, Wilkes)	Sullivant's Maned-moss	SR	-	S2	G3G5
<i>Mnium</i> (see <i>Plagiomnium</i>)					
<i>Orthodontium pellucens</i> MP: moist felsic or calcareous rocks (Stokes, Swain)	Translucent Orthodontium	C	-	S1	G3?
<i>Orthotrichum keeverae</i> P: on trees around low elevation granitic domes (Alexander*, Wilkes)	Keever's Bristle-moss	E	C2	S1	G1
<i>Orthotrichum obtusifolium</i> M: bark of hardwoods (Ashe)	Blunt Bristle-moss	SR	-	S1	G5
<i>Pelamocladium leskeoides</i> M: calcareous rocks in humid gorges (Jackson)	Pelamocladium	C	-	S1	G3G5
<i>Plagiomnium carolinianum</i> (= <i>Mnium carolinianum</i>) M: rocks and streambanks in humid gorges (Jackson, Macon, Swain, Transylvania*)	Carolina Ster-moss	C	C2	S2	G2G3
<i>Platydictya confervoides</i> M: calcareous rocks (Medison, McDowell)	Alga-like Matted-moss	SR	-	S1	G4G5
<i>Platyhypnidium pringlei</i> (= <i>Eurhynchium pringlei</i>) M: rocks and streambanks in humid gorges, spray zones of waterfalls (Polk, Transylvania*)	Pringle's Eurhynchium	C	C2	S1	G2
<i>Pterigynandrum</i> (see <i>Leptohymenium</i>)					
<i>Rhabdoweisia crenulata</i> M: moist rocks in cove forests in humid gorges (Jackson*, McDowell)	Himeleyen Ribbed-weissie	C	-	S1	G3G4
<i>Rhachitheciium perpusillum</i> (= <i>Tortula propagulosa</i>) PM: bark of hardwoods (Cleveland, Iredell, McDowell, Mecklenburg, Surry, Wilkes)	Budding Tortula	C	-	S1S2	G1G2
<i>Rhytidium rugosum</i> M: high elevation rocky summits, grassy belds, glades, over mafic rocks (Ashe*, Avery*, Buncombe, Mitchell*, Watauga*)	Golden Tundra-moss	SR	-	S2	G5
<i>Schlotheimia lancifolia</i> M: on bark of hardwoods in cove forests (Graham, Jackson, Macon*, Transylvania)	Highlands Moss	T	C2	S1	G2
<i>Scopelophila cataractae</i> MP: copper-rich soils (McDowell, Rowen*)	Agoyen Cataract Moss	C	-	S1	G3G4

Natural Heritage Program List of the Rare Plants of North Carolina

39

Scientific Name Provincia: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
		NC	US	NC	Global
<i>Scopelophila ligulata</i> M: copper-rich soils and rock-faces (granite, limestone, mica schist) (Clay, Jackson*, McDowell, Swain, Transylvania)	Copper Moss	SR	-	S1	G5?
<i>Sphagnum angustifolium</i> M: bogs (Watauga*)	Narrowleaf Peatmoss	SR	-	S1	G5T4
<i>Sphagnum capillifolium</i> M: bogs (Watauga*)	Northern Peatmoss	SR	-	S1	G5
<i>Sphagnum fallax</i> M: bogs (Avery*, Jackson*)	Pratty Peatmoss	SR	-	S1	G5T4
<i>Sphagnum fitzgeraldii</i> C: pocosins and savannas (Bladen, Brunswick*, Carteret, Craven, Onslow, Pamlico*, Pender*)	Fitzgerald's Peatmoss	SR	-	S2S3	G2G3
<i>Sphagnum flexuosum</i> (var. <i>flexuosum</i>) M: bogs (Watauga*)	Flexuous Peatmoss	SR	-	S1	G5T5
<i>Sphagnum fuscum</i> M: bogs (Watauga*)	Brown Peatmoss	SR	-	S1	G5
<i>Sphagnum pylaeii</i> M: seepage cliffs, natural pools (Burke, Jackson)	Simple Peatmoss	C	-	S1	G5
<i>Sphagnum russowii</i> M: bogs (Watauga*)	Russow's Peatmoss	SR	-	S1	G5
<i>Sphagnum squarrosum</i> M: spray zones of waterfalls, seepage in spruce-fir forests (Macon, Yancay)	Squarrose Peatmoss	C	-	S1	G5
<i>Sphagnum subsecundum</i> (sensu stricto) M: bogs and fens (Ashe*, Watauga*)	Orange Peatmoss	C	-	S1	G5T4
<i>Sphagnum tenellum</i> M: high elevation granitic domes (Jackson)	Dalicata Peatmoss	C	-	S1	G5
<i>Sphagnum torreyanum</i> SC: baavar ponds and old mill ponds on blackwater creeks (Bladen*, Brunswick, Harnett, Richmond*)	Giant Peatmoss	C	-	S1	G3G4
<i>Sphagnum warnstorffii</i> M: bogs and fens (Watauga*)	Fen Peatmoss	C	-	S1	G5
<i>Splachnum pennsylvanicum</i> M: bogs (Avery, Macon)	Southern Dung Moss	C	-	SH	G2?
<i>Syrrhopodon incompletus</i> C: on tree trunks in maritime forests (Brunswick)	Cuban Schliessmund	C	-	S1	G5
<i>Taxiphyllum alternans</i> M: on limestone in spray zones of waterfalls (Macon)	Japanese Yew-moss	C	-	S1	G3?
<i>Tortula ammonsiana</i> M: shaded rock faces, probably with nutrient-rich seepage (Jackson*)	Ammons's Tortula	E	C2	S1	G1
<i>Tortula fragilis</i> M: shaded rock faces, probably with nutrient-rich seepage (Jackson)	Fragile Tortula	SR	-	S1	G5
<i>Tortula papillosa</i> PM: bark of hardwoods (Davie, Madison, Surry)	Papillose Tortula	SR	-	S1	G5
<i>Tortula</i> (also see <i>Rhachithegium</i>) <i>Warnstorffia fluitans</i> (= <i>Drepanocladus fluitans</i>) M: in spray zones of waterfalls (Jackson)	Floating Sickle-moss	SR	-	S1	G5

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LIVERWORTS					
<i>Acrobolbus ciliatus</i> M: on moist rocks, in spray zones of waterfalls in humid gorges or in high elevation spruce-fir forests (Haywood, Jackson, Macon, Swain, Yancey)	A Liverwort	SR	-	S1	G3?
<i>Anastrophyllum saxicola</i> M: high elevation rocky summits (Mitchell, Swain)	A Liverwort	C	-	S1	G3G4
<i>Aneura sharpii</i> (= <i>A. maxima</i>) MP: in spray zones of waterfalls (Avery, Cherokee, Durham, Jackson, Macon, Swain, Transylvania, Watauga)	A Liverwort	C	-	S1	G1
<i>Anomylia cuneifolia</i> M: on bark of Fraser Firs or on moist rock, in spruce-fir forests (Avery, Haywood, Mitchell, Swain*, Watauga, Yancey)	A Liverwort	C	-	S2	G4G5
<i>Barbilophozia barbata</i> (= <i>Lophozia barbata</i>) M: on high elevation rocky summits (Ashe*, Avery, Wilkes)	A Liverwort	SR	-	S1	G4?
<i>Barbilophozia hatcheri</i> (= <i>Lophozia hatcheri</i>) M: on high elevation rocky summits (Ashe*, Avery?, Watauga)	A Liverwort	C	-	S1	G5
<i>Bazzania nudicaulis</i> M: on bark of Fraser Fir or on shaded rock in spruce-fir forests (Avery, Caldwell, Haywood, McDowell, Mitchell, Stokes, Swain, Watauga, Yancey)	A Liverwort	C	C2	S2	G2G3
<i>Cephaloziella connivens</i> var. <i>bifida</i> C: moist riverbank (Pender)	A Liverwort	C	-	S1	G5T1Q
<i>Cephaloziella hampeana</i> M: fens (Ashe)	A Liverwort	SR	-	S1	G5
<i>Cephaloziella macrostachya</i> ssp. <i>australis</i> M: on moist rocks in humid gorges (Burke, Macon)	A Liverwort	C	-	S1	G4T1
<i>Cephaloziella pleniceps</i> var. <i>caroliniana</i> M: edge of stream (Transylvania)	A Liverwort	C	-	S1	G5T1
<i>Cephaloziella pleniceps</i> var. <i>pleniceps</i> M: moist soil near a spring (Yancey)	A Liverwort	C	-	SH	G5T5
<i>Cephaloziella obtusilobula</i> M: high elevation cliffs or other moist rocks (Burke, Macon)	A Liverwort	C	C2	SH	G1
<i>Cephaloziella spinicaulis</i> M: in crevices of high elevation rocky summits (Alleghany, Ashe, Cherokee, Macon, Watauga)	A Liverwort	C	-	S1	G3G4
<i>Cheilolejeunea evansii</i> M: on bark of hardwoods in humid gorges (Jackson, Transylvania)	A Liverwort	C	C2	SH	GH
<i>Cheilolejeunea myriantha</i> MC: on tree bark in sandhills or mountain forests (Sampson, Transylvania)	A Liverwort	SR	-	SH	G3G4
<i>Cheilolejeunea rigidula</i> C: on bark in maritime forests, and in blackwater swamp forests (Bladen, Brunswick, Columbus, Hyde, Onslow)	A Liverwort	SR	-	S2	G5
<i>Chiloscyphus appalachianus</i> (= <i>Lophocolea appalachiana</i>) M: on rock faces in spray zone of waterfalls (Burke*, Macon, Jackson, Swain)	A Liverwort	C	C2	S1	G1
<i>Chiloscyphus muricatus</i> (= <i>Lophocolea muricata</i>) M: on rocks or bark in humid gorges (Burke*, Macon, Jackson*, Transylvania*)	A Liverwort	C	-	S1	G5
<i>Cylindrocolea andersonii</i> C: banks of blackwater rivers (Sampson)	A Liverwort	C	C1*	SH	GH
<i>Cylindrocolea rhizantha</i> C: on marl outcrops (Columbus)	A Liverwort	C	-	SH	G3?
<i>Diplophyllum obtusatum</i> M: on rock outcrops (Buncombe, Burke)	A Liverwort	C	-	S1	G2?
<i>Diplophyllum apiculatum</i> var. <i>taxifolioides</i> M: moist soil or rocks (Ashe, Burke, Haywood, Mitchell)	A Liverwort	SR	-	S1	G5T1Q

Natural Heritage Program List of the Rare Plants of North Carolina

41

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
		NC	US	NC	Global
<i>Diplophyllum taxifolium</i> var. <i>mucronatum</i> M: high elevation rocky summits (Haywood)	A Liverwort	C	-	S1	G5T1
<i>Drepanolejeunea appalachiana</i> M: on moist rock, rhododendron bark, and rhododendron leaves in humid gorges (Burke, Clay, Jackson*, Macon, Transylvania)	A Liverwort	C	-	S1	G2?
<i>Frullania appalachiana</i> M: on bark of hardwoods in spruce-fir forests (Avery, Haywood, Jackson, Macon)	A Liverwort	C	-	S1?	G1?
<i>Frullania donnellii</i> C: on bark of <i>Ilex</i> in marsh (Carteret)	A Liverwort	C	-	SH	G3?
<i>Lejeunea bermudiana</i> C: on marl outcrops or on decaying logs in blackwater swamps, or tree bases in swamps (Brunswick, Carteret, Columbus)	A Liverwort	SR	-	SH	G3G4
<i>Lejeunea blomquistii</i> M: on dead tree bark or vertical rock faces in spray zone of waterfalls (Macon)	A Liverwort	C	C2	S1	G1
<i>Lejeunea cavifolia</i> M: on shaded mafic rocks (Ashe, Polk, Swain, Watauga)	A Liverwort	SR	-	S1	G5
<i>Lejeunea dimorphophylla</i> C: on bark in maritime forests (Brunswick*, Carteret)	A Liverwort	C	-	S1	G2G3
<i>Lejeunea glaucescens</i> var. <i>acrogyna</i> C: on shaded rock at the piedmont/coastal plain fall line (Harnett)	A Liverwort	C	-	SH	G5TH
<i>Leptoscyphus</i> (see <i>Anomylia</i>)					
<i>Lophocolea</i> (see <i>Chiloscyphus</i>)					
<i>Lopholejeunea muelleriana</i> C: on bark of gums and cypresses in blackwater swamp forests (Carteret, Columbus)	A Liverwort	C	-	SH	G4G5
<i>Lophozia excisa</i> M: on high elevation rocky summits (Ashe)	A Liverwort	SR	-	S1	G5
<i>Lophozia heterocolpa</i> M: on high elevation rocky summits (Ashe*)	A Liverwort	C	-	S1	G5
<i>Lophozia</i> (also see <i>Barbilophozia</i>)					
<i>Mannia californica</i> M: on mineral-rich, dry rock outcrops (Jackson, McDowell, Polk)	A Liverwort	SR	-	S1	G3?
<i>Marsupella emarginata</i> var. <i>latiloba</i> M: on moist rocks in humid gorges, spray zones of waterfalls, or high elevations (Burke, Haywood, Macon, Mitchell)	A Liverwort	C	-	S1	G5T1T2
<i>Marsupella funckii</i> M: on high elevation, sulphur-bearing rock (Swain)	A Liverwort	SR	-	S1	G4G5
<i>Metzgeria fruticulosa</i> (= <i>M. temperata</i>) M: on bark at high elevations (Burke, Haywood, Jackson, Macon, Mitchell, Swain, Yancey)	A Liverwort	SR	-	S1S2	G2G3
<i>Mylia taylorii</i> M: moist rock outcrops at high elevations, spray zone of waterfalls (Avery*, Jackson*, Watauga, Yancey)	A Liverwort	SR	-	S1	G5
<i>Nardia scalaris</i> (ssp. <i>scalaris</i>) M: on high elevation rocky summits and on moist rocks in spruce-fir forests (Buncombe*, Haywood, Swain)	A Liverwort	C	-	S1	G5T5
<i>Plagiochasma intermedium</i> M: on moist limestone (McDowell)	A Liverwort	C	-	S1	G3G4
<i>Plagiochasma wrightii</i> M: on moist calcareous rocks (McDowell)	A Liverwort	SR	-	S1	G3?
<i>Plagiochila austinii</i> M: moist rocks (Avery*, Jackson, Macon, Madison, Swain, Transylvania, Watauga)	A Liverwort	SR	-	S1S2	G3
<i>Plagiochila caduciloba</i> M: rocks and streambanks in humid gorges, spray zone of waterfalls (Burke, Clay, Haywood, Jackson*, Macon, Transylvania*, Yancey)	A Liverwort	E	C2	S1	G2

Natural Heritage Program List of the Rare Plants of North Carolina

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Plagiochila columbiana</i> P: on thin soil over boulders on floodplains (Durham, Orange)	A Liverwort	C	C2	SH	G1
<i>Plagiochila corniculata</i> M: on bark of Fraser Firs in spruce-fir forests, rarely on hardwoods (Buncombe, Haywood, Jackson, Macon, Mitchell, Swain*, Transylvania, Yancey)	A Liverwort	SR	-	S2	G3?
<i>Plagiochila dubia</i> CP: on bark at bases of trees in swamps (Anson, Brunswick, Columbus, Halifax, Onslow)	A Liverwort	SR	-	S1	G4G5
<i>Plagiochila echinata</i> M: rocks and streambanks in humid gorges, spray zone of waterfalls (Burke*, Graham, Jackson, Macon, Polk, Transylvania)	A Liverwort	C	C2	S1	G1
<i>Plagiochila ludoviciana</i> CM: on bark in coastal plain swamps, on bark or moist rock in mountain gorges (Brunswick, Cherokee, Transylvania, Washington)	A Liverwort	SR	-	S1	G5
<i>Plagiochila miradorensis</i> (var. <i>miradorensis</i>) C: on bark in maritime forests and swamps (Carteret, Jones, Pamlico)	A Liverwort	SR	-	S1	G3G5
<i>Plagiochila sharpii</i> M: damp rockfaces in humid gorges, high elevation rocky summits (Clay, Haywood, Jackson*, Macon, McDowell, Swain, Transylvania*, Yancey)	A Liverwort	C	C2	S2	G2
<i>Plagiochila sullivantii</i> var. <i>spinigera</i> M: on moist rocks in spray zones of waterfalls (Burke, Jackson)	A Liverwort	C	C2	S1	G2T1
<i>Plagiochila sullivantii</i> var. <i>sullivantii</i> M: on moist rocks (rarely bark), in spray zones of waterfalls and in spruce-fir forests (Ashe, Avery*, Burke, Caldwell, Clay, Haywood, Jackson, Macon, McDowell, Mitchell, Polk, Swain, Transylvania, Watauga, Yancey)	A Liverwort	C	C2	S2	G2T2
<i>Plagiochila virginica</i> var. <i>caroliniana</i> M: rockfaces in spray zone of waterfalls, other moist rockfaces (Avery, Jackson, Macon, Transylvania)	A Liverwort	C	C2	S1	G3T2
<i>Plagiochila virginica</i> var. <i>euryphylla</i> M: rockfaces in spray zone of waterfalls (Transylvania)	A Liverwort	C	C2	S1	G3T1
<i>Plagiochila virginica</i> var. <i>virginica</i> M: on limestone (McDowell*)	A Liverwort	SR	-	S1	G3T3
<i>Porella appalachiana</i> M: on rocks in spray zones of waterfalls (Macon)	A Liverwort	C	C2	S1	G1
<i>Porella wataugensis</i> M: on rocks in humid gorges (Burke, Graham, Macon, Watauga)	A Liverwort	C	-	S1	G1
<i>Ptilidium ciliare</i> M: on soil in high elevation forests (Mitchell)	A Liverwort	C	-	S1	G5
<i>Radula sullivantii</i> M: on moist rocks, mostly in spray zones of waterfalls (Clay, Jackson, Macon, Transylvania)	A Liverwort	C	-	S2	G3
<i>Radula voluta</i> M: on moist rocks in spray zones of waterfalls (Macon*)	A Liverwort	C	-	S1	G1G3
<i>Riccardia jugata</i> M: on fallen logs in humid areas, especially gorges (Graham*, Haywood*, Macon)	A Liverwort	C	-	S1?	G1
<i>Scapania mucronata</i> (ssp. <i>mucronata</i>) M: high elevation rocky summits (Ashe)	A Liverwort	C	-	S1	G5T5
<i>Sphenolobopsis pearsonii</i> M: on bark of Fraser Firs in spruce-fir forests (Haywood, Jackson, Mitchell, Swain*, Yancey)	A Liverwort	C	C2	S2	G2
<i>Tritomaria exsectiformis</i> (ssp. <i>exsectiformis</i>) M: on high elevation rocky summits (Ashe)	A Liverwort	C	-	SH	G5T5

Scientific Name	Common Name	Status		Rank	
Province: Habitat (Counties of Occurrence)		NC	US	NC	Global
HORNWORTS					
<i>Aspiromitus appalachianus</i> M: on rocks in streambeds (Transylvania)	A Hornwort	C	-	S1	G1
<i>Megaceros aenigmaticus</i> M: on rocks in streams (Cherokee, Clay, Haywood, Graham, Macon, Swain, Transylvania)	A Hornwort	C	-	S2S3	G2G3
LICHENS					
<i>Anaptychia setifera</i> M: high elevation rocky summits (Mitchell*)	A Foliose Lichen	SR	-	S1	G3G4
<i>Anzia americana</i> M: on bark of trees in humid gorges (Transylvania)	A Foliose Lichen	C	-	S1	G2
<i>Anzia ornata</i> C: on bark of trees (Duplin)	A Foliose Lichen	SR	-	SH	G3
<i>Cetraria arenaria</i> M: high elevation rocky summits (Ashe*, Avery*, Macon, Mitchell*)	A Foliose Lichen	SR	-	S2	G4
<i>Cetrelia cetrarioides</i> M: on bark of deciduous or coniferous trees at high elevations (spruce-fir zone) (Buncombe, Haywood, Jackson, Mitchell, Swain, Yancey)	A Foliose Lichen	SR	-	S2	G?
<i>Cladonia psoromica</i> M: fens and glades over amphibolite rock (Ashe*)	Bluff Mtn. Reindeer Lichen	C	C2	S1	G1
<i>Ephebe americana</i> M: high elevation rocky summits (Haywood, Jackson, Watauga)	A Fruticose Lichen	C	-	S1	G2G3
<i>Ephebe lanata</i> MP: on rocks in rapidly flowing water (Jackson, Macon, Stokes)	A Fruticose Lichen	SR	-	S1	G5
<i>Ephebe solida</i> M: on rocks in rapidly flowing water (Macon, Transylvania)	A Fruticose Lichen	SR	-	S1	G3G4
<i>Gymnoderma lineare</i> M: high elevation rock outcrops, outcrops in humid gorges (Ashe*, Avery*, Buncombe*, Jackson*, Mitchell*, Rutherford*, Swain*, Transylvania*, Yancey*)	Rock Gnome Lichen	T	C2	S2	G2
<i>Heterodermia appalachensis</i> MP: rocks or bark (Avery, Jackson, Stokes, Transylvania)	A Foliose Lichen	SR	-	S1S2	G2G4
<i>Hydrothyria venosa</i> MP: submersed in brooks and streams (Avery*, Graham*, Haywood*, Jackson*, Macon*, Stokes, Transylvania*)	An Aquatic Lichen	C	-	S2	G3
<i>Hypotrachyna sinuosa</i> M: on twigs or rocks at high elevations (spruce-fir zone) (Haywood, Jackson, Mitchell, Yancey)	A Foliose Lichen	SR	-	S1	G5
<i>Hypotrachyna virginica</i> M: on twigs or rocks at high elevations (spruce-fir zone) (Avery, Buncombe, Haywood, Mitchell, Swain, Yancey)	A Foliose Lichen	C	-	S1S2	G1G3
<i>Melanelia stygia</i> (= <i>Parmelia stygia</i>) M: high elevation rocky summits (Ashe, Avery, Buncombe*, Haywood, Mitchell, Yancey*)	A Foliose Lichen	SR	-	S1S2	G4G5
<i>Pannaria conoplea</i> (= <i>P. pityrea</i>) M: on bark at high elevations (Haywood)	A Foliose Lichen	SR	-	S1	G3G4
<i>Parmelia</i> (see <i>Melanelia</i>)					
<i>Physcia pseudospeciosa</i> M: high elevation granitic domes (Alleghany, Jackson)	A Foliose Lichen	C	-	S1	G1?
<i>Porpidia diversa</i> M: high elevation rocky summits	A Crustose Lichen	SR	-	S1	G2G3
<i>Porpidia herteliana</i> M: high elevation rocky summits	A Crustose Lichen	SR	-	S1?	G2G3

Natural Heritage Program List of the Rare Plants of North Carolina

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
		NC	US	NC	Global
<i>Sticta limbata</i> M: on bark of hardwoods at high elevations (Haywood)	A Foliose Lichen	SR	-	S1	G?
<i>Teloschistes flavicans</i> C: on twigs in maritime forests (Brunswick*, Carteret)	A Fruticose Lichen	SR	-	S1	G3G4
<i>Xanthoparmelia monticola</i> (= <i>Parmelia monticola</i>) M: high elevation rocky summits (Buncombe, Haywood, Jackson, Mitchell)	A Foliose Lichen	C	PC2	S2?	G2

**SUPPLEMENT TO THE
NATURAL HERITAGE PROGRAM LIST
OF THE RARE PLANTS OF NORTH CAROLINA**

NORTH CAROLINA PLANT WATCH LIST

The *North Carolina Plant Watch List* includes plant species which are rare or otherwise threatened with serious decline, but for which current information does not justify placement on the main list (E, T, C, or SR). Watch List species are additional indicators of significant habitats, and their presence should be considered in planning natural area protection efforts, though obviously with less weight than higher priority rare species and natural communities. The North Carolina Natural Heritage Program maintains paper files on these species, but does not include them in its map and computer files. Plants placed on this list fall into a number of categories, discussed below. The North Carolina Natural Heritage Program requests additional information about these species, in order to clarify their status and reclassify them into other appropriate and more specific categories.

Reasons for the current placement of rare species on the Watch List rather than at a higher rarity status (Endangered, Threatened, Candidate, or Significantly Rare) are variable. The taxonomic validity of some of these species is currently in doubt. For others, the Natural Heritage Program lacks adequate documentation of their historic or present occurrence in North Carolina. Others are known to be rare in North Carolina, but it appears that they are not native to the state. For most species, however, their actual rarity is poorly known and we are requesting more data before such species receive a higher, and more formal, rarity status.

To indicate the reasons for each species' current placement, the following seven Watch Categories have been devised. All species falling into the first five categories are listed below. Regionally Rare Plants (Watch Category 6) are presented in a separate list following. A list of Potential "New-to-North Carolina" species also follows.

Watch Category 1 (W1 - rare, but relatively secure) includes rare species whose status in North Carolina is relatively well known and which appear to be relatively secure at this time. While still notably rare, these species do not currently require site-specific monitoring and so are not on the main list (E, T, C, or SR). Many of these species were formerly on the main list; they are retained in this category because they require a lower level of continued monitoring to ensure their long-term security. This category has been redefined in this edition; many species formerly considered W1 are now in Watch Category 7. Examples: *Calamovilfa brevipilis*, *Anthaenantia rufa*, *Sporobolus sp. 1*, *Dirca palustris*, *Diamorpha smallii*.

Watch Category 2 (W2 - rare, but taxonomically questionable) includes species with questionable taxonomy, including taxa of dubious validity and taxa under study and potentially to be named. If further study reveals that these are valid taxa, they would warrant addition to the Rare Plant List as Endangered, Threatened, Candidate, or Significantly Rare. This category has been used for named and unnamed taxa which currently appear to have some significant chance of being proved valid. We request data on taxonomic validity, as well as data on localities and populations. Examples: *Dioscorea villosa* var. *hirticaulis*, *Eryngium yuccifolium* var. *synchaetum*, *Lindernia saxicola*.

Watch Category 3 (W3 - rare, but uncertain documentation) includes species which have been reported from North Carolina without adequate documentation. These species should be listed at a higher level, if their reported occurrence in North Carolina is true. This category includes sight records, old and vague reports for which no documentation has appeared, and, in a few cases, more recent literature reports for which we have not yet received documentation. We request data documenting native occurrence in North Carolina, as well as locality and population data. Examples: *Agrimonia incisa*, *Gaultheria hispidula*, *Sporobolus asper*, *Zanthoxylum americanum*.

Watch Category 4 (W4 - rare, but believed not native) includes species known to occur in North Carolina which current data seem to indicate are not native to North Carolina, but whose native occurrence is plausible. Some of these species were previously listed at a higher level, but field investigations suggest

that all known North Carolina occurrences are introductions. We request data documenting the native occurrences of the species in North Carolina. Examples: *Angelica atropurpurea*, *Chrysopsis pilosa*, *Hypericum frondosum*, *Paxistima canbyi*.

Watch Category 5 (W5 - rare because of severe decline) includes species which have declined sharply in North Carolina, but which do not appear yet to warrant site-specific monitoring. Most species in this category have undergone declines of over 50% (in many cases over 90%) from their pre-Columbian status. Reasons for decline include exotic pests or pathogens, massive modification of the landscape, suppression of natural fires, failure of reproduction, and heavy exploitation. Since many of these species were once abundant or even dominant in parts of North Carolina, they may still be fairly common or frequently encountered, despite the strong decline. If current trends continue, however, many of these species will be threatened with extirpation in all or a major part of their ranges in North Carolina. Examples: *Juglans cinerea*, *Panax quinquefolius*.

Watch Category 6 (W6 - regionally rare) includes species which are rare in one region of North Carolina, while being uncommon to abundant within another region. These regional rarities, generally within-state disjuncts, are significant for protection of genetic variation and long-term viability of species. Species in Watch Category 6 are listed separately, by physiographic province, at the end of the main Watch List.

Watch Category 7 (W7 - rare and poorly known) includes species with inadequate information about their distribution and rarity in North Carolina. These are generally species which have not been previously listed as rare in North Carolina, but which appear to be so, based on herbarium records and field experience of Natural Heritage Program staff, contractees, and cooperating scientists. Further information is needed in order to determine the true status of these species in North Carolina. We request locality and population data on these species. Examples: *Carex bromoides* ssp. *montana*, *Brachyleytrum septentrionale*, *Pycnanthemum virginianum*, *Rhynchospora miliacea*, *Trifolium reflexum*.

Scientific Name	Common Name	Status		Rank	
Province: Habitat (Counties of Occurrence)		NC	US	NC	Global
VASCULAR PLANTS					
<i>Acer nigrum</i> (= <i>Acer saccharum</i> ssp. <i>nigrum</i>) M: rich cove forests (Ashe, Madison, Swain, Yancey)	Black Maple	W7	-	S1?	G5Q
<i>Acmella repens</i> (= <i>Spilanthes americana</i> var. <i>repens</i>) CP: low wet areas in alluvial forests (New Hanover, Robeson, Stanly)	Creeping Spotflower	W7	-	S1	G5
<i>Agalinis tenella</i> C: savannas, flatwoods (Carteret*, Columbus, Jones, New Hanover, Onslow*, Scotland, Wake?)	A Gerardia	W7	-	S1	G3G5Q
<i>Agarista populifolia</i> (= <i>Leucothoe</i> p.); not in NC in RAB C: blackwater swamps (Columbus)	Agarista	W3	-	SR	G3G4
<i>Agastache nepetoides</i> P: oak-hickory forests, especially over mafic rocks (Durham, Granville*, Moore, Rockingham, Stokes, Transylvania, Wake, Warren)	Yellow Giant-hyssop	W1	-	S1	G5
<i>Agave</i> (see <i>Manfreda</i>)					
<i>Agrimonia incisa</i> (not in NC in RAB) CS: sandhill/pocosin ecotones	Cutleaf Agrimony	W3	C2	SR	G2G3
<i>Allium allegheniense</i> (not in RAB) M: rock outcrops and woodlands over mafic rock at moderate to high elevations (Ashe*, Watauga*)	Allegheny Onion	W7	-	S1S2	G3?Q
<i>Ampelopsis cordata</i> CPM: floodplain forests (Anson, Buncombe*, Cabarrus, Edgecombe, Madison, Martin, Nash, Rowan, Union)	Heartleaf Peppervine	W4	-	SE?	G5?
<i>Amphicarpum purshii</i> C: pine savannas, pocosins, shallow peat burns in pocosin/savanna ecotones (Beaufort, Brunswick, Carteret*, Columbus, Craven*, Duplin, Martin, Onslow*, Pender*, Pitt, Robeson, Wilson)	Pinebarrens Goober Grass	W1	-	S3	G4
<i>Amsonia ciliata</i> SC: sandhills (Anson, Bladen, Cumberland*, Moore*, Richmond*, Robeson*, Scotland*, Wake)	Fringed Bluestar	W1	-	S2	G5?
<i>Andropogon brachystachyus</i> (not in RAB) habitat in NC not known	A Bluestem	W3	-	SR	G4?
<i>Andropogon longiberbis</i> (not in RAB) C: sandhills (New Hanover)	A Bluestem	W7	-	S1	G4
<i>Andropogon perangustatus</i> (not in RAB) CS: clay-based Carolina bays, upland depressions (Cumberland*, Hoke*, Moore*, Sampson*, Scotland*)	Narrowleaf Bluestem	W7	-	S2?	G3G4
<i>Andropogon tracyi</i> (not in RAB) SCP: sandhills, other dry soils (Gates, Granville, Harnett, Hoke*, Johnston, Moore*, Scotland)	Tracy's Bluestem	W7	-	S2	G3G4
<i>Andropogon virginicus</i> var. <i>decepiens</i> (not in RAB) C: pinelands and disturbed areas (Bertie, Bladen, Dare, Duplin, Martin, Nash)	Deceptive Bluestem	W7	-	S2?	G5T4
<i>Andropogon</i> (also see <i>Schizachyrium</i>)					
<i>Anemone minima</i> (not in RAB) M: forests, openings	Dwarf Thimbleweed	W3	-	SR	G3
<i>Angelica atropurpurea</i> M: roadsides (Haywood)	Purple-stem Angelica	W4	-	SE?	G5
<i>Antennaria howellii</i> ssp. <i>petaloidea</i> (not in RAB) M: habitat in NC not known	A Pussytoes	W7	-	S1?	G5T?
<i>Anthraenantia rufa</i> CS: savannas (Bladen, Brunswick*, Carteret*, Columbus, Cumberland*, Duplin, Moore, New Hanover, Onslow*, Pender*)	Purple Silkyscale	W1	-	S2	G5

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Arenaria lanuginosa</i> C: maritime grasslands and forests, other sandy sites, shell middens, coquina limestone (marl) outcrops (Beaufort, Brunswick, Carteret, Craven, Dare, Jones*, Onslow, Pender)	Spreading Sandwort	W7	-	S2?	G5
<i>Aristida palustris</i> (= <i>A. affinis</i>) C: margins of limesink ponds, wet savannas (Brunswick*, Carteret, Columbus*, New Hanover*, Onslow*, Pender*, Scotland*)	Longleaf Three-awn	W1	-	S3	G4
<i>Aristida spiciformis</i> (not in NC in RAB) C: habitat in NC not known	Spike Three-awn	W3	-	SR	G4
<i>Asclepias longifolia</i> CS: savannas, sandhill seeps (Brunswick, Carteret, Columbus*, Cumberland, Dare, Johnston*, Onslow, Pender*, Pitt*)	Longleaf Milkweed	W1	-	S2?	G4G5
<i>Asclepias purpurascens</i> PMC: swamps, bottomlands, edges of moist woods (Bertie*, Buncombe, Davidson, Forsyth, Hertford*, Orange)	Purple Milkweed	W7	-	S1?	G4G5
<i>Asclepias tomentosa</i> SC: sandhills (Bladen, Cumberland*, Harnett*, Hoke*, Lee, Moore*, Richmond*, Scotland)	Sandhills Milkweed	W7	-	S3	G3G4
<i>Asplenium platyneuron</i> var. <i>bacculum-rubrum</i> (not in RAB) C: maritime forests (Brunswick*, Dare, New Hanover, Onslow*)	Maritime Spleenwort	W7	-	S1	G5T?
<i>Asplenium resiliens</i> MP: calcareous rock outcrops (Avery*, Haywood*, Jackson, Macon, Madison*, McDowell*, Rutherford, Stanly, Swain, Transylvania*, Yadkin)	Blackstem Spleenwort	W1	-	S2	G5
<i>Asplenium X ebenoides</i> (not in RAB) M: calcareous rock outcrops (Madison?)	Scott's Spleenwort	W3	-	SR	G?
<i>Aster firmus</i> (not in RAB) (= <i>A. lucidulus</i>) M: moist places (Buncombe)	Purple-stem Aster	W7	-	S1	G5
<i>Aster lanceolatus</i> (= <i>A. simplex</i>) CP: bottomlands, moist woodland borders (Currituck*, Gates*, Jones*)	White Panicle Aster	W7	-	S2?	G3
<i>Aster spectabilis</i> CP: pine barrens and woodland borders (Bertie, Cabarrus, Chatham*, Craven, Chowan, Durham, Gates, Hertford, Lee, Montgomery*, Onslow*, Pitt*, Rowan)	Western Showy Aster	W7	-	S2?	G5
<i>Athyrium angustum</i> (not in RAB) M: rock outcrops and forests at high elevations (Avery?)	Northern Lady Fern	W3	-	SR	G5
<i>Athyrium</i> (also see <i>Diplazium</i>)					
<i>Baccharis angustifolia</i> C: brackish marshes, shrubby marsh edges (Beaufort, Brunswick, Dare, New Hanover*, Onslow*, Pamlico, Pender*)	Saltwater False-willow	W7	-	S2?	G4
<i>Bacopa caroliniana</i> C: shallow ponds, marshes, and tidal creeks (Brunswick, New Hanover, Pender)	Blue Water-hyssop	W7	-	S1	G4G5
<i>Bacopa rotundifolia</i> (not in RAB) C: natural lakes (Hyde)	Round-leaf Water-hyssop	W7	-	SH	G5
<i>Bartonia paniculata</i> SC: wet savannas, sandhill seeps, other open wet areas (Brunswick, Cumberland*, Duplin, Gates, Hoke*, Moore*, Scotland*, Wake)	Twining Screwstem	W7	-	S2	G5
<i>Bartonia verna</i> C: savannas, limesink ponds (Bladen, Brunswick*, Carteret*, New Hanover, Onslow*, Pender*)	Spring Bartonia	W1	-	S2	G5?
<i>Boltonia asteroides</i> CM: clay-based Carolina bays, marshes, savannas, bogs (Brunswick*, Columbus, Currituck, Henderson, Hoke*, New Hanover, Robeson*)	White Doll's-daisy	W7	-	S2?	G5

Scientific Name	Common Name	Status		Rank	
Province: Habitat (Counties of Occurrence)		NC	US	NC	Global
<i>Boltonia diffusa</i> (not in RAB) C: moist areas	Diffuse Doll's-daisy	W7	-	S1?	G4
<i>Bonamia</i> (see <i>Stylisma</i>)					
<i>Bromus latiglumis</i> (not in RAB) M: river floodplains (Allegheny)	Riverbank Brome	W7	-	S1	G5
<i>Bromus nottowayanus</i> (not in RAB) P: rich woods (Rockingham, Surry)	Nottoway Valley Brome	W7	-	S1?	G3?Q
<i>Bumelia</i> (see <i>Sideroxylon</i>)					
<i>Burmanna biflora</i> CS: limesinks, cypress savannas, savannas, and sandhill seeps (Beaufort, Bladen, Brunswick*, Carteret*, Cumberland*, Dare, Harnett, Hoke*, Moore*, New Hanover, Onslow*, Scotland)	Northern Bluethreads	W1	-	S2S3	G4G5
<i>Celamovilfa brevifolia</i> CS: savannas, sandhill seeps (Brunswick*, Carteret*, Craven*, Cumberland*, Duplin, Harnett*, Hoke*, Johnston, Montgomery*, Moore*, Nash, Onslow*, Pender*, Pitt, Richmond*, Sampson, Scotland*)	Pinebarren Sandreed	W1	3C	S3	G3
<i>Callitriche terrestris</i> (= <i>C. deflexa</i>) CP: low wet places (Anson, Bladen, Catawba, Chatham, Durham, Forsyth, Johnston, Union, Washington)	Terrestrial Water-starwort	W7	-	S2?	G5
<i>Calycanthus floridus</i> var. <i>floridus</i> PM: mesic to dry forests (Alexander, Avery, Cherokee, Durham, Jackson, Randolph, Stenly, Stokes, Transylvania)	Eastern Sweetshrub	W7	-	S2?	G5T4T5
<i>Calystegia soldenella</i> C: dunes (Dare*)	Seashore False Bindweed	W4	-	SE?	G5
<i>Carduus</i> (see <i>Cirsium</i>)					
<i>Carex albicans</i> var. <i>australis</i> (= <i>C. physorhyncha</i>) CP: dry woods, perhaps associated with calcareous or mafic rock (Alexander, Cabarrus, Camden, Catawba, Chatham, Cumberland, Durham, Jones*, Mecklenburg, Montgomery, Northampton, Pender*, Wake, Warren)	Bellow's-beak Sedge	W7	-	S2?	G5T5
<i>Carex albicans</i> var. <i>emmonsii</i> (= <i>C. emmonsii</i>) CSP: moist woods (Cumberland*, Durham, Hoke*, Jones, Richmond, Stokes, Wayne)	Emmons's Sedge	W7	-	S2	G5T5
<i>Carex albursina</i> M: rich cove forests, over mafic or calcareous rocks (Ashe, Haywood, Macon*, Madison, Mitchell, Transylvania)	White Bear Sedge	W7	-	S1	G5
<i>Carex beileyi</i> M: bogs and seeps (Ashe*, Avery*, Mecklenburg, Transylvania, Watauge*)	Bailey's Sedge	W7	-	S2	G4
<i>Carex bromoides</i> ssp. <i>montana</i> (not in RAB) M: bogs, moist areas along streams, seepages in coves (Ashe, Avery, Buncombe, Haywood, Rutherford, Watauge*)	Blue Ridge Brome Sedge	W7	-	S3?	G5T3
<i>Carex collinsii</i> SM: white cedar swamps, bogs (Cumberland*, Harnett, Henderson*, Hoke*, Lee*, Moore*, Richmond*)	Collins's Sedge	W1	-	S3	G4
<i>Carex echineta</i> ssp. <i>echineta</i> (= <i>C. muriceta</i> var. <i>angustata</i>) M: bogs and seeps (Allegheny, Ashe, Avery, Clay, Macon, Wilkes)	Ster Sedge	W7	-	S1S2	G5T5
<i>Carex elliotii</i> CS: boggy sites (Bladen, Brunswick*, Carteret*, Hoke*, Lee, New Hanover, Onslow*, Pamlico, Pender*)	Elliott's Sedge	W7	-	S3	G3G4
<i>Carex festucacea</i> (not = <i>C. festucacea</i> in RAB) P: piedmont swamp forests, bogs, upland depression swamps (Albemarle, Caswell, Montgomery, Orange, Rockingham, Stokes)		W7	-	S2?	G5
<i>Carex floridana</i> (= <i>C. nigromarginata</i> var. <i>floridana</i>) CSP: dry sandy woods (Brunswick, Craven*, Dare, Getes, Hoke*, Jones, Mecklenburg, Montgomery, Randolph, Scotland)	Florida Sedge	W7	-	S1S2	G5?

North Carolina Plant Watch List
Common Name

51

Scientific Name Province: Habitat (Counties of Occurrence)		Status		Rank	
		NC	US	NC	Global
<i>Carex granularis</i> PC: piedmont bottomlands, coastal plain marl forests (Bladen, Caswell, Durham, Granville, Guilford, Jones*, Mecklenburg, Orange, Pender*, Person, Rowan, Stokes, Wilson)	Limestone Meadow Sedge	W7	-	S1?	G5
<i>Carex hyalinolepis</i> C: marshes (Beaufort, Brunswick, Craven, Hyde, New Hanover, Perquimans, Warren)	Shoreline Sedge	W7	-	S1?	G4G5
<i>Carex leavenworthii</i> PM: dry woods (Durham, Madison, Randolph, Warren)	Leavenworth's Sedge	W7	-	S1	G5
<i>Carex lucorum</i> var. <i>australucorum</i> (not in RAB) M: medium to high elevation forests, especially over calcareous or mafic rocks (Buncombe, Clay, Macon, Swain, Transylvania, Watauga)	Appalachian Woodland Sedge	W7	-	S2?	G4T3?
<i>Carex oklahomensis</i> (not in RAB) M: seeps (Graham*)	Oklahoma Sedge	W7	-	S1	G3?
<i>Carex oligocarpa</i> MC: rich woods, mostly over mafic or calcareous rocks (Brunswick, Buncombe, Carteret*, Clay, Dare, Haywood*, Madison)	Rich-woods Sedge	W7	-	S2?	G4
<i>Carex ruthii</i> (= <i>Carex muricata</i> var. <i>ruthii</i>) M: seeps and bogs (Ashe*, Avery*, Buncombe, Clay, Graham, Haywood*, Jackson, Macon, Mitchell, Swain, Transylvania, Yancey)	Ruth's Sedge	W1	-	S3	G3
<i>Carex sparganioides</i> MP: rich cove forests (Alleghany, Ashe, Jackson, Madison, Mitchell, Randolph)	Bur-reed Sedge	W7	-	S2?	G5
<i>Carex tenera</i> P: low woods (Anson, Caswell, Davie, Durham, Moore, Richmond, Warren)	Quill Sedge	W7	-	S1?	G4G5
<i>Carex turgescens</i> S: seepage bogs (Cumberland*, Harnett*, Hoke*, Scotland*)	Pinebarren Sedge	W1	-	S3	G4G5
<i>Cassia</i> (see <i>Senna</i>)					
<i>Celastrus scandens</i> MP: cove forests and rich woods (Buncombe, Burke*, Cleveland*, Guilford, Haywood, Jackson, Madison, McDowell, Mitchell, Stokes, Swain, Wilkes*)	American Bittersweet	W7	-	S2?	G5
<i>Celtis occidentalis</i> (= <i>C. occidentalis</i> var. <i>occidentalis</i>) M: rocky places (Buncombe, Haywood*, Jackson, Macon, Madison, Swain, Warren, Yancey)	Mountain Hackberry	W7	-	S2	G5
<i>Ceratophyllum echinatum</i> C: pools, lakes, and estuaries (Beaufort, Brunswick, Dare, Perquimans, Wayne)	Prickly Hornwort	W7	-	S2	G4G5
<i>Chamaesyce bombensis</i> (= <i>Euphorbia ammannioides</i>) C: seabeaches (Carteret, Dare, Hyde, New Hanover, Onslow, Pender)	Southern Seabeach Sandmat	W7	-	S2?	G4G5
<i>Chasmanthium sessiliflorum</i> (= <i>Uniola sessiliflora</i>) CP: hardwood forests (Anson*, Bertie, Bladen, Brunswick, Craven, Gates, Jones*, Richmond*)	Longleaf Spikegrass	W7	-	S2	G5
<i>Chelone obliqua</i> CM: swamp forests, bogs, wet places (Ashe, Gates*, Haywood, Henderson, Hertford, Martin, Nash, New Hanover, Northampton, Pender, Swain, Transylvania)	Red Turtlehead	W7	-	S2?	G4
<i>Chloris</i> (see <i>Eustachys</i>)					
<i>Chrysopogon pauciflorus</i> (not in RAB) C: sandhills (New Hanover)	Goldenbeard	W4	-	S1	G4G5
<i>Chrysopsis scabrella</i> (not in RAB) S: sandhills (Moore)	Rough Golden-aster	W7	-	S1	G4

North Carolina Plant Watch List

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Cinna latifolia</i> M: high elevation forests and openings (Buncombe, Haywood, Macon, Mitchell, Swain, Watauga, Yancey)	Slender Wood-reed	W7	-	S1S2	G5
<i>Cirsium lecontei</i> (= <i>Carduus lecontei</i>) C: savannas (Beaufort, Bladen, Brunswick*, Carteret*, Craven, Onslow*, Pender*)	Leconte's Thistle	W7	-	S2	G4G5
<i>Cladrastis kentukea</i> (= <i>Cladrastis lutea</i>) M: forests (Cherokee, Clay*, Graham, Haywood*, Macon*, Madison*, Swain)	Yellowwood	W7	3C	S2S3	G4
<i>Cleistes bifaria</i> (not in RAB) MPC: savannas, dry meadows (Brunswick*, Buncombe, Burke, Carteret*, Catawba*, Cherokee, Cleveland*, Craven, Harnett, Henderson, Madison, McDowell*, Onslow, Robeson, Rutherford*, Scotland, Transylvania)	Small Spreading Pogonia	W7	-	S2?	G3G4
<i>Clematis catesbyana</i> (= <i>C. ligusticifolia</i> , misapplied) C: dunes, edges of maritime forests (Brunswick*, Carteret, Currituck, Dare*, New Hanover*, Onslow)	Coastal Virgin's-bower	W7	-	S2	G4G5
<i>Coelorachis rugosa</i> (= <i>Manisuris rugosa</i>) CS: limesink ponds, clay-based Carolina bays, wet savannas (Brunswick*, Craven*, Cumberland, Dare, Harnett, Hoke, Moore, New Hanover, Onslow*, Pender*, Richmond*, Robeson*, Sampson*, Scotland*)	Wrinkled Jointgrass	W1	-	S2	G5
<i>Collinsonia serotina</i> (not in RAB) P: mixed deciduous forests (Iredell?, Richmond, Rockingham, Stanly)	Fall-line Horsebalm	W7	-	S1?	G3G4
<i>Coptis trifolia</i> ssp. <i>groenlandica</i> (not in RAB) M: moist mossy forests and bogs	Goldthread	W3	-	SR	G5T5
<i>Corallorhiza odontorhiza</i> var. <i>pringlei</i> (not in RAB) P: forests (Durham)	Pringle's Autumn Coralroot	W7	-	S1	G5T?
<i>Corallorhiza wisteriana</i> MPC: moist to dry, nutrient-rich forests, including maritime forests, cove forests, mesic slope forests, upland forests, especially over limestone, mafic rocks, or shell-rich sands (Buncombe, Carteret, Catawba, Davie, Durham, Jackson, Madison, Mecklenburg, New Hanover, Orange, Polk, Surry, Swain)	Spring Coralroot	W7	-	S2?	G5
<i>Coreopsis delphiniifolia</i> (not in RAB) P: dry woodlands	Larkspur Coreopsis	W3	-	SR	G3?
<i>Coreopsis helianthoides</i> C: swamps, peaty wetlands (Beaufort, Craven, Duplin, Jones, Pender)	Beadle's Coreopsis	W7	-	S2?	G3G4Q
<i>Coreopsis pubescens</i> var. <i>robusta</i> (not in RAB) MP: rich woodlands, glades, outcrops (Alleghany, Ashe, Avery, Buncombe, Cherokee, Haywood, Iredell, Jackson, Macon, Mitchell, Polk, Watauga)	Blue Ridge Coreopsis	W7	-	S2?	G5T3?
<i>Crataegus spathulata</i> CPM: bottomlands (Bladen, Columbus*, Davidson, Macon)	Little-hip Hawthorn	W7	-	S1	G4G5
<i>Cuscuta cephalanthi</i> (= <i>C. cephalanthii</i>) MP: on woody hosts (Buncombe, Orange)	Buttonbush Dodder	W7	-	S1	G5
<i>Cuscuta coryli</i> (= <i>C. corylii</i>) CP: on woody or herbaceous hosts (Bladen, Brunswick, Dare, New Hanover, Onslow, Polk)	Hazel Dodder	W7	-	S1?	G5
<i>Cymophyllus fraserianus</i> (= <i>Cymophyllus fraseri</i>) M: forests (Alleghany, Ashe*, Avery*, Caldwell, Clay, Graham, Haywood, Jackson*, Macon, McDowell, Mitchell, Swain*, Watauga, Wilkes, Yancey*)	Fraser's Sedge	W1	3C	S3	G4
<i>Cyperus distans</i> C: marshes (New Hanover)	A Flatsedge	W7	-	S1	G?

North Carolina Plant Watch List

53

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
		NC	US	NC	Global
<i>Cyperus squarrosus</i> (= <i>C. aristatus</i>) P: granite flatrocks, other rock outcrops (Durham, Franklin, Rowan)	Awned Flatsedge	W7	-	S2	G5
<i>Cyperus</i> (also see <i>Kyllinga</i>)					
<i>Cystopteris bulbifera</i> M: calcareous rocks (Avery*, Buncombe*, Madison*, McDowell*, Swain, Transylvania*)	Bulblet Bladder Fern	W7	-	S1S2	G5
<i>Dalea pinnata</i> (= <i>Petalostemum pinnatum</i>) SC: sandhills and dryish pinelands (Bladen*, Cumberland*, Harnett, Hoke*, Lenoir, Moore, Pender, Richmond*, Robeson, Sampson, Scotland*, Wayne)	Eastern Prairie-clover	W1	-	S2	G5
<i>Desmodium pauciflorum</i> PC: rich forests and bottomlands (Anson*, Cabarrus, Caswell, Chowan, Craven, Hertford, Iredell, Johnston*, Jones*, Mecklenburg, Northampton, Pitt, Richmond*, Rockingham, Wake*, Warren)	Few-flower Tick-trefoil	W7	-	S2?	G5
<i>Diamorpha smallii</i> (= <i>Sedum smallii</i>) PM: granite flatrocks (Alexander*, Anson*, Forsyth, Franklin*, Gaston*, Granville*, Henderson, Iredell, Nash, Rowan, Rutherford, Wake*, Yadkin)	Elf Orpine	W1	-	S3	G3G4
<i>Dichanthelium aciculare</i> var. 2 (= <i>Panicum fusiforme</i>) CS: dry sandy pinelands and clearings (Bladen, Columbus, Moore, Onslow*, Richmond)	Spindle-fruited Witch Grass	W7	-	S1?	G5T5?
<i>Dichanthelium boreale</i> (= <i>Panicum bicknellii</i>) P: open woods (Chatham, Durham, Franklin, Person, Wake, Wilkes)	Northern Witch Grass	W7	-	S1S2	G5
<i>Dichanthelium dichotomum</i> var. 2 (= <i>Panicum roanokense</i>) CS: savannas, open swampy woods, wet peaty meadows (Brunswick*, Columbus, Dare, Hyde, Moore*, Pender*)	Roanoke Witch Grass	W7	-	S1?	G5T4?
<i>Dichanthelium ensifolium</i> var. 1 (= <i>Panicum curtifolium</i>) CSM: savannas, bogs, wet woodlands (Brunswick*, Clay, Columbus*, Cumberland*, Harnett*, Hoke*)	Short-leaved Witch Grass	W7	-	S2?	G5T5?
<i>Dichanthelium latifolium</i> (= <i>Panicum latifolium</i>) M: forests (Ashe*, Avery, Caldwell, Haywood, Henderson, Jackson, Macon, Swain, Watauga)	Broadleaf Witch Grass	W7	-	S2	G5
<i>Dichanthelium linearifolium</i> (= <i>Panicum linearifolium</i>) PM: dry open woods and rock outcrops (Durham, Gaston, Macon, Rockingham*)	Low White-haired Witch Grass	W7	-	S1?	G5
<i>Dichanthelium ovale</i> var. <i>ovale</i> (= <i>Panicum ovale</i>) C: dry to damp sandy pinelands (Brunswick, Gates, Pender*)	Elliott's Witch Grass	W7	-	S1?	G5T5
<i>Dichanthelium</i> sp. 5 (= <i>Panicum neuranthum</i>) C: moist sands (Carteret, New Hanover)	A Witch Grass	W7	-	S1?	G5?
<i>Dichanthelium spretum</i> (= <i>Panicum spretum</i>) CPM: wet sites (Alleghany, Burke, Dare, Durham, Forsyth, Randolph, Robeson, Stanly)	Eaton's Witch Grass	W7	-	S1S2	G5
<i>Dioscorea villosa</i> var. <i>hirticaulis</i> SC: moist forests (Gates, Halifax, Hoke, Martin, Nash, New Hanover, Pender, Richmond, Scotland, Wake, Washington)	Hairy Yam	W2	-	S2?	G4T3Q
<i>Diplazium pycnocarpon</i> (= <i>Athyrium pycnocarpon</i>) MPC: rich woods, usually over seepage (Avery, Buncombe*, Burke*, Durham, Haywood*, Hertford*, Jackson*, Macon, Madison*, Polk, Swain, Vance*)	Glade Fern	W1	-	S2	G5
<i>Dirca palustris</i> PM: rich woods, either alluvial or over mafic or calcareous rocks (Anson, Ashe*, Burke*, Chatham, Clay, Cleveland, Durham*, Haywood*, Jackson*, Lee*, Madison, Mecklenburg, Polk, Randolph, Rockingham*, Rutherford*, Swain, Wake*)	Leatherwood	W1	-	S2	G4

Scientific Name	Common Name	Status		Rank	
Province: Habitat (Counties of Occurrence)		NC	US	NC	Global
<i>Dryopteris carthusiana</i> (= <i>Dryopteris spinulosa</i>) MCP: swampy woods (Cabarrus, Camden, Chowan, Gates*, Haywood, Jackson, Macon, Mecklenburg, Mitchell?, Perquimans*, Yancey?)	Spinulose Woodfern	W7	-	S2	G5
<i>Dryopteris cristata</i> MCP: bogs, wet woods (Alamance, Alleghany*, Ashe*, Avery*, Camden, Durham, Gates, Guilford*, Haywood*, Henderson, Madison, Mecklenburg, Mitchell, Orange, Wake, Watauga*, Yancey*)	Crested Woodfern	W1	-	S3	G5
<i>Dryopteris ludoviciana</i> C: acid swamps (Brunswick, Carteret*, Chowan*, Columbus, Craven, Jones*, New Hanover, Onslow*, Pender*, Washington*)	Southern Woodfern	W1	-	S2	G5
<i>Echinocystis lobata</i> M: alluvial forests (Alleghany, Watauga)	Wild Mock Cucumber	W7	-	S1?	G5
<i>Elatine americana</i> (= <i>E. triandra</i> in RAB) M: lakes (Jackson)	American Waterwort	W4	-	SA	G5?
<i>Elatine minima</i> (not in RAB) P: lakes (Granville*)	Tiny Waterwort	W4	-	SA	G5
<i>Eleocharis atropurpurea</i> (not in RAB) C: clay-based Carolina bays (Scotland)	Purple Spikerush	W7	-	S1	G4G5
<i>Eleocharis engelmannii</i> PCM: marshes (Alexander, Henderson, Hoke*, Northampton, Rowan, Stanly)	Engelmann's Spikerush	W7	-	S1	G5
<i>Eleocharis equisetoides</i> C: limesink ponds (Brunswick*, Carteret*, Craven, Harnett*, Hoke*, Moore*, New Hanover, Onslow*)	Horsetail Spikerush	W3	-	S3	G4
<i>Eleocharis erythropoda</i> MC: stream banks and marshes (Ashe, Carteret, Madison)	Bald Spikerush	W7	-	S1	G5
<i>Eleocharis melanocarpa</i> C: clay-based Carolina bays, limesink ponds (Brunswick*, Cumberland*, Johnston, New Hanover*, Onslow*, Richmond, Sampson*, Scotland*, Wayne)	Blackfruit Spikerush	W1	-	S3	G4
<i>Eleocharis parvula</i> C: brackish and fresh marshes (Brunswick, Craven, Dare, Mecklenburg, New Hanover, Tyrrell)	Little-spike Spikerush	W7	-	S1?	G5
<i>Eleocharis smallii</i> (not in RAB) M: open wet places (Macon)	Small's Spikerush	W3	-	S1	G5?
<i>Eleocharis tricostata</i> CP: bogs and savannas (Bladen, Brunswick, Carteret, Cumberland*, Dare, Hoke*, Northampton, Onslow*, Stanly)	Three-angle Spikerush	W7	-	S2	G4
<i>Eleocharis vivipara</i> C: bogs and pools (Brunswick, Cumberland, Dare, Hyde, Johnston, Onslow*, Pender, Wayne)	Viviparous Spikerush	W7	-	S1?	G5
<i>Elodea canadensis</i> CPM: streams (Craven, McDowell, Orange, Perquimans, Wake, Watauga)	Canada Elodea	W7	-	S1?	G5
<i>Elodea nuttallii</i> CPM: lakes, ponds, and streams (Avery, Currituck, Dare, Franklin, Haywood, Jones, McDowell, Perquimans, Tyrrell, Wake, Wilson, Yancey)	Nuttall's Elodea	W7	-	S2?	G5
<i>Elymus canadensis</i> M: rich woods (Buncombe, Swain)	Nodding Wild Rye	W7	-	S1	G5
<i>Elymus riparius</i> MP: riverbanks and low rich woods (Ashe, Avery, Caldwell, Macon, Madison, Orange?, Watauga)	Riverbank Wild Rye	W7	-	S1S2	G5

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Epilobium leptophyllum</i> MP: bogs and seeps (Alleghany*, Ashe*, Avery*, Burke*, Guilford, Jackson*, Macon*, Madison*, Mitchell*, Watauga*)	Narrowleaf Willowherb	W1	-	S3	G5
<i>Equisetum X ferrissii</i> ?	Ferriss's Scouring Rush	W3	-	SR	G7
<i>Eragrostis frankii</i> P: open disturbed sites (Granville)	Frank's Lovegrass	W7	-	S1	G5
<i>Eragrostis lugens</i> P: open wet areas (Mecklenburg)	Mourning Lovegrass	W7	-	S1	G5
<i>Erigenia bulbosa</i> (not in RAB) MP?: rich woods	Harbinger-of-Spring	W3	-	SR	G5
<i>Eriophorum virginicum</i> MSCP: peaty sites (bogs, fens, pocosins, seeps) (Alleghany*, Ashe*, Bladen, Burke, Carteret*, Cumberland*, Currituck, Edgecombe, Forsyth, Harnett*, Haywood*, Henderson, Hoke*, Jackson, Macon, Moore, Scotland, Transylvania, Tyrrell, Watauga*, Yancey)	Tawny Cottongrass	W1	-	S3	G5
<i>Eryngium yuccifolium</i> var. <i>synchaetum</i> (not in NC in RAB) C: wet savannas (Bladen, Brunswick*, Columbus*, Onslow, Pender)	Southern Rattlesnake-master	W2	-	S1	G5T5
<i>Erythronium americanum</i> ssp. <i>americanum</i> (= <i>E. a.</i> in part) P: rich slopes (Durham*)	American Trout Lily	W7	-	S1?	G5T5
<i>Euonymus</i> (see <i>Evonymus</i>)					
<i>Eupatorium anomalum</i> (not in RAB) C: wet savannas	Anomalous Eupatorium	W7	-	S1?	G2G3
<i>Eupatorium altissimum</i> P: woodlands, openings, and old fields over mafic rocks (Burke*, Cabarrus*, Davidson, Forsyth, Gaston*, Granville*, Mecklenburg*, Orange, Randolph, Rowan, Stanly, Union, Wake)	Tall Thoroughwort	W7	-	S2	G5
<i>Eupatorium recurvans</i> (sensu stricto) C: wet savannas	Recurved Eupatorium	W7	-	S1?	G3G4
<i>Eupatorium saltuense</i> P: marshes, upland forests and woodland borders (Caswell, Granville, Halifax*, Warren)	Pasture Eupatorium	W7	-	S1?	G3?
<i>Eupatorium sessilifolium</i> var. <i>brittonianum</i> (not in RAB) M: rocky woodlands over mafic rocks (Buncombe)	Britton's Eupatorium	W7	-	SH	G5T?
<i>Eupatorium steelei</i> (not in RAB) M: cove hardwood and northern hardwood forests (Ashe*, Avery, Haywood, Macon, Watauga*)	Appalachian Joe-Pye-Weed	W7	-	S2?	G3?
<i>Euphorbia</i> (also see <i>Chamaesyce</i>)					
<i>Euthamia graminifolia</i> (= <i>Solidago graminifolia</i>) M: sandy bottomlands (Buncombe)	Flattop Goldenrod	W7	-	S1	G5
<i>Evonymus atropurpurea</i> (= <i>Euonymus atropurpureus</i>) PMC: rich forests with circumneutral soils (Caswell*, Cherokee, Franklin*, Guilford, Halifax*, Lee*, Moore*, Northampton*, Orange, Polk, Rockingham, Rutherford, Stokes, Swain)	Eastern Wahoo	W7	-	S2	G5
<i>Fimbristylis miliacea</i> PMSC: open wet places (Cabarrus, Cumberland*, Harnett, Hoke*, Mecklenburg, Polk)	Grass-like Fimbry	W7	-	S1	G5
<i>Fragaria vesca</i> M: rich forests (Watauga)	Woodland Strawberry	W4	-	S1	G5
<i>Fuirena scirpoidea</i> (not in RAB) C: shallow water (Tyrrell)	Southern Umbrella-sedge	W3	-	SR	G5
<i>Galium asprellum</i> M: bogs (Alleghany, Ashe*, Avery, Haywood, Watauga*)	Rough Bedstraw	W7	-	S2	G5

North Carolina Plant Watch List

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
		NC	US	NC	Global
<i>Galium lanceolatum</i> M: rich cove forests (Buncombe*, Clay, Madison, Mitchell, Watauga)	Lanceleaf Wild Licorice	W7	-	S2	G5
<i>Gaultheria hispida</i> (not in RAB) M: habitat not known	Creeping Snowberry	W3	-	SR	G5
<i>Gentiana austromontana</i> (not in RAB) M: high elevation forests and balds (Ashe, Avery*, Mitchell*, Stokes, Surry, Yancey)	Appalachian Gentian	W7	3C	S2?	G3
<i>Gentiana linearis</i> (not in RAB) M: boggy streambank (Watauga?)	Linear-leaved Gentian	W3	-	SR	G4G5
<i>Glandularia canadensis</i> (= <i>Verbena canadensis</i>) CPS: sandhills and other dry woods (Alamance, Beaufort, Brunswick, Randolph, Richmond, Washington)	Rose Mock-vervain	W7	-	S1?	G5
<i>Goodyera repens</i> MP: moist acid forests, especially under rhododendrons and conifers (Ashe, Avery, Buncombe*, Burke*, Graham*, Haywood*, Macon, Madison, Rutherford*, Swain, Watauga, Yancey)	Dwarf Rattlesnake Orchid	W1	-	S2S3	G5
<i>Gratiola aurea</i> C: drawdown zones of blackwater rivers (Columbus*, Pender, Sampson)	Golden Hedge-hyssop	W7	-	S1	G5
<i>Gratiola ramosa</i> CS: savannas, boggy places, clay-based Carolina bays, other open wet sites (Bladen, Brunswick, Hoke*, Robeson*, Scotland*)	Branched Hedge-hyssop	W7	-	S1	G4G5
<i>Habenaria repens</i> CS: in stagnant blackwater pools (Bladen, Brunswick*, Carteret*, Dare, Duplin, Hoke*, Moore*, New Hanover, Pender, Scotland)	Water-spider Orchid	W7	-	S2	G5
<i>Habenaria</i> (also see <i>Platanthera</i>)					
<i>Hedyotis</i> (see <i>Houstonia</i>)					
<i>Helianthemum carolinianum</i> CS: sandhills, pinelands, dry savannas (Brunswick, Carteret*, Craven, Cumberland, Greene, New Hanover, Robeson, Wilson)	Carolina Sunrose	W7	-	S2?	G4
<i>Helianthemum rosmarinifolium</i> SC: sandhills (Hoke*, Pender*, Richmond*)	Rosemary Sunrose	W4	-	SE?	G4
<i>Helianthus floridanus</i> C: savannas and pocosins (Columbus)	Florida Sunflower	W7	-	S1	G5
<i>Helianthus glaucophyllus</i> M: cove forests and other middle-elevation forests and openings (Avery*, Buncombe*, Caldwell, Haywood*, Henderson*, Jackson*, McDowell*, Mitchell, Polk*, Swain, Watauga*, Yancey*)	Whiteleaf Sunflower	W1	3C	S3	G3
<i>Helianthus longifolius</i> M: habitat not known	Longleaf Sunflower	W7	-	S1?	G2G3
<i>Heliotropium curassavicum</i> C: shores and edges of marshes (Carteret, Hyde)	Seaside Heliotrope	W4	-	SE?	G5
<i>Heteranthera reniformis</i> CP: muddy shores, bars, and pools (Davidson, other counties uncertain because of taxonomic confusion)	Kidneyleaf Mud-plantain	W7	-	S2?	G5
<i>Heteropogon melanocarpus</i> C: pinelands (New Hanover)	Tanglehead	W4	-	SE?	G4?
<i>Heterotheca</i> (see <i>Chrysopsis</i> , <i>Pityopsis</i>)					
<i>Heuchera americana</i> var. <i>hispida</i> (not in RAB) P: rich, rocky woods (Burke?, Surry)	Hispid Alumroot	W7	-	S1	G5T3?
<i>Heuchera caroliniana</i> P: rich, rocky woods (Alexander, Anson, Burke*, Cabarrus, Cleveland*, Davidson, Forsyth, Gaston, Iredell, Lincoln,	Carolina Alumroot	W7	-	S2S3	G3?

North Carolina Plant Watch List
Common Name

57

Scientific Name Province: Habitat (Counties of Occurrence)		Status		Rank	
		NC	US	NC	Global
Mecklenburg, Randolph, Rowan, Stanly, Stokes, Surry, Union)					
<i>Heuchera longiflora</i> (= <i>H. longiflora</i> var. <i>aceroides</i>)	Long-Flower Alumroot	W7	-	S3	G3
M: rich and rocky cove forests, especially over calcareous or mafic rocks (Buncombe*, Haywood*, Madison*)					
<i>Heuchera parviflora</i> var. <i>parviflora</i>	Grotto Alumroot	W1	-	S2S3	G4T4
MP: in deep shade under overhanging cliffs (Burke*, Haywood*, Henderson, Jackson*, Macon, Polk, Rutherford*, Stokes*, Surry, Transylvania*)					
<i>Heuchera pubescens</i>	Downy Alumroot	W7	-	S1	G4?
P: rock outcrops (Stokes, Surry)					
<i>Hibiscus coccineus</i> (not in RAB)	Scarlet Hibiscus	W4	-	SE?	G4?
CP: blackwater swamps and open, wet ground (Columbus*, Hyde, Union*)					
<i>Houstonia purpurea</i> var. <i>calycosa</i> (not in RAB)	Summer Bluet	W7	-	S1	G5T5
M: rocky forests, often dry (Buncombe, Burke*, Haywood, Henderson, McDowell)					
<i>Humulus lupulus</i> var. <i>lupuloides</i> (not in RAB)	Hops	W4	-	S1	G5T5
C: habitat not known					
<i>Humulus lupulus</i> var. <i>pubescens</i> (not in RAB)	Hops	W4	-	S1	G5T4
P: bottomlands (Randolph, Rockingham, Stokes)					
<i>Hydrangea cinerea</i> (= <i>Hydrangea arborescens</i> ssp. <i>discolor</i>)	Ashy Hydrangea	W7	-	S1S2	G4
M: shady ledges and cliffs (Cherokee, Clay, Cleveland, Henderson, Jackson, Macon, Rutherford, Swain)					
<i>Hydrocotyle americana</i>	American Pennywort	W7	-	S2	G5
MP: on cliffs in spray of waterfalls, also in bogs (Ashe, Burke*, Henderson, Jackson, Macon*, Swain*, Transylvania*, Watauga, Yancey)					
<i>Hymenocallis coronaria</i> (not in RAB)	Rocky-shoal Spider-lily	W3	-	SR	G2
P: rocky shoals in rivers (McDowell)					
<i>Hymenocallis occidentalis</i> (not in RAB)	Hillside Spider-lily	W3	-	SR	G4?
M: wooded hillsides (Cherokee)					
<i>Hypericum buckleyi</i>	Blue Ridge St. John's-wort	W7	-	S3	G3?
M: high elevation rocky summits, granitic domes, grassy balds (Haywood*, Jackson*, Macon*, Transylvania*)					
<i>Hypericum ellipticum</i>	A St. John's-wort	W3	-	SR	G5
M: habitat in NC not known					
<i>Hypericum fasciculatum</i>	Peelbark St. John's-wort	W7	-	S1?	G5
C: beaver ponds, low pinelands, pools (Columbus, Cumberland*, Hoke*, Moore*, Onslow*, Pender, Robeson)					
<i>Hypericum graveolens</i>	Mountain St. John's-wort	W1	-	S2S3	G3
M: high elevation balds, outcrops, seeps (Buncombe, Haywood, Jackson, McDowell, Mitchell, Swain, Transylvania, Yancey)					
<i>Hypericum mitchellianum</i>	Mitchell's St. John's-wort	W1	-	S2S3	G3
M: high elevation balds, outcrops, seeps (Ashe, Avery, Buncombe, Haywood, Jackson, Mitchell, Swain, Watauga, Yancey)					
<i>Hypericum</i> (also see <i>Triadenum</i>)					
<i>Hypoxis juncea</i>	Fringed Yellow Stargrass	W7	-	S1	G?
C: savannas (Onslow*, Pender*)					
<i>Hypoxis rigida</i>	Stiff Yellow Stargrass	W7	-	S1	G?
C: savannas (Brunswick*, Columbus*, Pender)					
<i>Ilex ambigua</i> (= <i>I. ambigua</i> var. <i>ambigua</i>)	Carolina Holly	W7	-	S2	G4G5
CS: sandy woods (Beaufort, Brunswick, Cumberland, Jones, Lenoir, Robeson, Scotland*, Wayne)					
<i>Ilex cassine</i> (= <i>I. cassine</i> var. <i>cassine</i>)	Dahoon	W7	-	S2	G5
C: blackwater swamps and pocosins (Brunswick*, New Hanover*)					

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
		NC	US	NC	Global
<i>Ipomoea macrorhiza</i> C: low marshy places, dunes (Brunswick)	Manroot	W7	-	S1	G3G5
<i>Ipomopsis rubra</i> SC: sandy soils (Cumberland, Harnett, Moore*, Richmond*, Robeson, Scotland*)	Standing Cypress	W4	-	SE?	G4G5
<i>Iresine rhizomatosa</i> C: low wet places, interdune swales, damp woods, edges of brackish marshes (Brunswick*, Carteret, Dare*, New Hanover*, Onslow*, Pender, Sampson)	Rootstock Bloodleaf	W7	-	S2?	G5
<i>Iris prismatica</i> CM: bogs and marshes (Beaufort*, Dare*, Franklin, Harnett, Henderson, Hertford, Johnston, Robeson, Warren)	Slender Blue Iris	W7	-	S1S2	G4G5
<i>Isoetes sp. 1</i> (not in RAB) SCP: beds of blackwater and other streams (Durham*, Harnett*, Hoke*, Montgomery?, Richmond*)	Winter Quillwort	W7	-	S1S2	G2G3
<i>Juglans cinerea</i> MP: cove forests, rich woods (Ashe, Avery, Buncombe, Burke*, Clay, Haywood*, Jackson*, Macon*, McDowell, Polk, Rutherford, Stanly, Stokes, Swain, Watauga)	Butternut	W5	C2	S2S3?	G3
<i>Juncus articulatus</i> C: wet open ground (Dare)	Jointleaf Rush	W7	-	S1	G5
<i>Juncus brachycarpus</i> PC: wet sandy soil (Chatham, Duplin, Durham, Granville, Hertford, Hyde, Iredell, Montgomery, Nash, Northampton, Orange, Stanly, Union, Wake)	Whiteroot Rush	W7	-	S2?	G4G5
<i>Juncus brevicaudatus</i> M: bogs and seeps at high elevations (Clay, Haywood, Jackson, Swain, Transylvania, Watauga, Yancey)	Mountain Rush	W7	-	S1?	G5
<i>Juncus georgianus</i> P: shallow depressions in granitic flatrocks and domes (Alexander*, Franklin, Rowan)	Georgia Rush	W7	-	S1?	G4
<i>Juncus gymnocarpus</i> M: bogs, seeps, streambanks (Alleghany*, Ashe*, Avery*, Burke, Clay, Henderson*, Jackson*, Macon*, McDowell, Transylvania*, Watauga*, Yancey*)	Seep Rush	W1	3C	S3	G3
<i>Juncus longii</i> CPM: wet clayey soil (Cumberland*, Dare, Graham, Hoke*, Montgomery*, Union, Wayne)	Long's Rush	W7	-	S1	G3G5Q
<i>Juncus secundus</i> PM: rock outcrops (Alexander*, Alleghany, Caswell, Davie, Forsyth, Granville, Madison, Mitchell, Orange, Person, Rockingham, Wake)	Nodding Rush	W7	-	S1S2	G5?
<i>Juncus torreyi</i> (not in RAB) M: bogs (Clay?)	Torrey's Rush	W3	-	SR	G5
<i>Juncus validus</i> C: wet open ground (Beaufort, Carteret*, Cumberland*, Dare, Duplin, Hoke*, Jones, New Hanover, Onslow*, Pender, Pitt, Richmond*)	Round-pod Rush	W7	-	S2	G5
<i>Krigia biflora</i> MP: rich mesic woods (Ashe*, Avery, Buncombe, Caldwell, Chatham, Clay, Graham, Haywood, Transylvania)	Two-flower Cynthia	W7	-	S2?	G5
<i>Krigia montana</i> M: cliffs, high elevation rocky summits, and grassy balds (Ashe*, Avery*, Buncombe, Haywood, Jackson*, Macon*, Mitchell, Rutherford*, Transylvania, Yancey)	Mountain Cynthia	W1	-	S3	G3
<i>Lachnocaulon minus</i> CS: savannas, seeps (Bladen, Brunswick*, Columbus, Cumberland, New Hanover, Pender, Robeson, Scotland)	Brown Bogbutton	W7	-	S2	G3G4
<i>Lathyrus japonicus</i> var. <i>maritimus</i> (not in RAB) C: beaches, shorelines (Dare)	Beach Pea	W3	-	SR	G5T4T5

North Carolina Plant Watch List		Status		Rank	
Scientific Name	Common Name	NC	US	NC	Global
Province: Habitat (Counties of Occurrence)					
<i>Lathyrus palustris</i> C: bottomlands, streambanks, and marshes (Beaufort, Chowan, Currituck*, Gates, Hertford, Martin, Washington)	Marsh Peavine	W7	-	S2?	G5
<i>Lathyrus pusillus</i> PC: wet, disturbed sites (Cabarrus, Franklin)	Tiny Peavine	W7	-	S1	G5?
<i>Lathyrus venosus</i> PM: rich bottomlands and rocky slopes, generally over mafic rocks (Buncombe*, Burke*, Catawba*, Durham*, Granville, Haywood, Macon, Madison, Montgomery*, Moore*, Orange, Richmond*, Wake, Watauga, Wilkes)	Smooth Peavine	W7	-	S2	G5
<i>Leersia lenticularis</i> C: low woods (Edgecombe, Jones, Lenoir, Northampton)	Catchfly Cutgrass	W7	-	S1?	G5
<i>Lemna gibba</i> C: ponds and sloughs (Craven, Pasquotank)	Inflated Duckweed	W7	-	S1	G4G5
<i>Leucothoe</i> (see <i>Agarista</i>)					
<i>Liatris scariosa</i> MP: rock outcrops, glades, dry woodlands (mostly over mafic rocks?) (Cherokee, Clay, Haywood*, Henderson, Jackson, Macon, Swain, others?)	New England Blazing-star	W7	-	S2	G5?
<i>Liatris secunda</i> SC: sandhills (Anson, Brunswick, Richmond, Scotland*, Wake)	A Blazing-star	W7	-	S1S2	G4G5
<i>Liatris squarrosa</i> var. <i>hirsuta</i> (not in RAB) habitat in NC not known	A Blazing-star	W3	-	SR	G5T4?
<i>Lilium</i> sp. 1 (not in RAB) C: blackwater swamps and marshes (Chowan*, Gates*, Nash)	Blackwater Turk's-cap Lily	W7	-	S1	GU
<i>Lindernia monticola</i> (including <i>L. saxicola</i>) PM: seepages on granitic flatrocks and other rock outcrops (Alexander*, Cherokee, Forsyth, Franklin*, Gaston*, Granville*, Nash, Rowan, Stokes, Wake*, Yadkin)	Flatrock Pimpernel	W1	-	S2	G4
<i>Lindernia saxicola</i> M: riverbank rock outcrops	Riverbank Pimpernel	W2	3B	SH	G1Q
<i>Listera australis</i> CM: moist hardwood forests, swamps, wet woods under rhododendron (Avery, Beaufort*, Bladen*, Craven, Dare*, Gates, Halifax*, Henderson*, Hoke*, Hyde*, Jones*, Pender*, Sampson*, Transylvania, Wayne*)	Southern Twayblade	W1	-	S3	G4
<i>Lobelia glandulosa</i> var. <i>laevicalyx</i> (not in RAB) SC: white cedar swamps, seepages along blackwater streams (Nash, others)	Cedar Swamp Lobelia	W7	-	S1?	G?
<i>Ludwigia brevipes</i> CS: low wet places and ditches (Craven, Cumberland, Currituck, Dare*, Gates, Harnett, Hyde, Johnston, Robeson, Sampson)	Long Beach Seedbox	W7	-	S2?	G4G5
<i>Ludwigia ravenii</i> (not in RAB) C: savannas, swamps, marshes, wet open places (Brunswick, Chowan, Craven, Duplin, Gates, Jones, New Hanover, Pamlico, Sampson)	Raven's Seedbox	W7	-	S2?	G2?
<i>Ludwigia sphaerocarpa</i> CS: bogs and pools (Craven, Dare, Hoke, Johnston, Washington)	Globe-fruit Seedbox	W7	-	S1	G5
<i>Lupinus villosus</i> C: sandhills and other dry, sandy woods (Bladen, Brunswick*, Columbus, Cumberland, Duplin, Pender*)	Lady Lupine	W7	-	S2?	G5
<i>Luziola fluitans</i> (= <i>Hydrochloa caroliniensis</i>) C: pools, lakes, streams (Brunswick, Columbus*, Hyde, Perquimans, Robeson, Scotland, Tyrrell, Wayne)	Southern Water Grass	W7	-	S1S2	G4G5
<i>Luzula multiflora</i> MP: moist woods (Burke, Macon, Madison, Stokes)	Heath Woodrush	W7	-	S2?	G5
<i>Lycopodiella prostrata</i> (not in RAB) C: wet savannas (Bladen, Brunswick*, Columbus, Onslow*, Pender)	Featherstem Clubmoss	W7	-	S2?	G5

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
		NC	US	NC	Global
<i>Lycopodium dendroideum</i> (not in RAB) M: openings and balds (Ashe*)	Tree Ground-pine	W7	-	S1?	G5
<i>Lycopodium hickeyi</i> (not in RAB) M: openings, balds, bog margins, and high elevation forests (Alleghany*, Burke, Macon, Mitchell*)	Pennsylvania Ground-pine	W7	-	S2?	G5
<i>Lycopodium</i> (also see <i>Lycopodiella</i>)					
<i>Lycopus amplexans</i> CSM: clay-based Carolina bays, other wet places (Cumberland, Henderson, Hoke*, Robeson, Scotland*)	Clasping Water-horehound	W7	-	S1?	G5
<i>Lycopus angustifolius</i> (= <i>L. rubellus</i> var. <i>angustifolius</i>) C: bogs and marshes (Beaufort, Brunswick, Dare, Halifax)	Southern Bog Water-horehound	W7	-	S1	G?Q
<i>Lycopus cokeri</i> SC: streamhead pocosins, sandhill seeps, clay-based Carolina bays, savannas (Cumberland*, Harnett*, Hoke*, Moore*, Richmond*, Sampson, Scotland*, Wayne)	Coker's Bugleweed	W1	PC2	S3	G3
<i>Lysimachia hybrida</i> (= <i>L. lanceolata</i> var. <i>hybrida</i>) MPC: bottomlands (Davie, Henderson, Pender, Rowan, Transylvania)	Lowland Loosestrife	W7	-	S1	G5
<i>Lysimachia quadriflora</i> (not in RAB) P: wet meadows, streambanks	Smooth Loosestrife	W3	-	SR	G5?
<i>Lysimachia tonsa</i> P: upland forests and openings (Caswell, Durham, Mecklenburg, Orange, Polk*, Rockingham, Surry, Wake)	Southern Loosestrife	W7	-	S2?	G3?
<i>Lythrum lanceolatum</i> C: marshes and low, wet places (Brunswick, New Hanover, Pender)	Southern Winged Loosestrife	W7	-	S1	G5
<i>Magnolia acuminata</i> var. <i>subcordata</i> (not in RAB) P: moist slopes (Anson, Montgomery, Moore)	Piedmont Cucumber-tree	W7	-	S1?	G5T3
<i>Magnolia grandiflora</i> C: mainland forests with maritime influence on the southeastern coast (Brunswick*, New Hanover?, introduced elsewhere)	Southern Magnolia	W7	-	S1	G5
<i>Manfreda virginica</i> (= <i>Agave virginica</i>) PMCS: granite flatrocks, mafic glades, dry outcrops, dry woodlands (Anson*, Burke*, Cabarrus*, Cherokee, Clay, Cleveland, Cumberland, Granville*, Iredell, Mecklenburg, Montgomery, Orange, Randolph, Richmond*, Rowan, Stanly*, Union)	Eastern Agave	W7	-	S2	G5
<i>Manisuris</i> (see <i>Coelorachis</i>)					
<i>Matelea flavidula</i> P: habitat not known (Person?)	Yellow Carolina Milkvine	W3	-	SR	G2G3
<i>Matelea obliqua</i> M: dry, rocky woodlands over calcareous rocks (Buncombe, Madison)	Climbing Milkvine	W7	-	S1	G4?
<i>Mertensia virginica</i> PCM: rich forests on slopes and bottomlands (Alamance*, Bertie*, Caswell*, Person, Rockingham*, Watauga)	Virginia Bluebells	W7	-	S2	G5
<i>Minuartia alabamensis</i> (not in RAB) P: granite flatrocks (Rutherford*)	Alabama Sandwort	W2	3B	S1	G2Q
<i>Monarda media</i> (not in RAB) M: grassy balds (Avery*)	Purple Bee-balm	W7	-	S1?	G3G4
<i>Muhlenbergia mexicana</i> M: forests and openings (Buncombe, Macon, Mitchell)	Mexican Muhly	W7	-	S1	G5
<i>Muhlenbergia sylvatica</i> PM: rich alluvial forests (Avery, Durham, Forsyth, Franklin, Gaston, Granville, Montgomery, Orange, Person, Swain)	Woodland Muhly	W7	-	S1S2	G5
<i>Myriophyllum pinnatum</i> CS: pools and ditches (Brunswick, Currituck, Dare, Hoke, New Hanover, Scotland, Tyrrell)	Cutleaf Water-milfoil	W7	-	S2?	G5

North Carolina Plant Watch List
Common Name

61

Scientific Name Province: Habitat (Counties of Occurrence)		Status		Rank	
		NC	US	NC	Global
<i>Najas gracillima</i> CPM: pools and lakes (Avery, Buncombe, Chowan, Forsyth, Iredell, Jackson, Madison, McDowell, Orange, Randolph, Wake, Washington)	Slender Waternymph	W7	-	S2	G5
<i>Nelumbo lutea</i> CS: ponds, slow streams, natural lakes, estuarine rivers (Anson, Bertie, Columbus, Craven*, Halifax, Johnston, Perquimans, Pitt*, Richmond, Robeson, Wake*, Wilson)	American Lotus	W7	-	S2	G5
<i>Nuphar sagittifolia</i> (= <i>N. luteum</i> ssp. <i>sagittifolia</i>) CS: blackwater streams, rivers, and lakes (Beaufort, Bladen*, Brunswick, Columbus*, Duplin, Harnett, Hoke, Jones, Moore, Nash, New Hanover*, Pender*, Pitt*, Richmond*, Robeson*, Sampson, Scotland*)	Narrowleaf Yellow Pondlily	W1	-	S3	G3
<i>Nymphoides cordata</i> S: blackwater streams and pools, Carolina bays, vernal pools (Cumberland, Hoke*, Moore, Richmond, Scotland*)	Little Floatingheart	W7	-	S1	G5
<i>Oenothera austromontana</i> (not in RAB) M: openings at high elevations	Appalachian Evening Primrose	W7	-	S3?	G3?
<i>Onosmodium virginianum</i> CSP: sandhills, dry mafic sites, shell middens (Brunswick, Burke*, Cleveland, Cumberland*, Durham, Harnett*, Hoke*, Jones, Moore*, Polk, Richmond*, Robeson, Scotland*, Wake)	Virginia Marblesseed	W1	-	S3	G4
<i>Ophioglossum crotalophoroides</i> var. <i>crotalophoroides</i> C: moist ditchbanks and grassy roadside flats (Beaufort, Brunswick, Carteret, Craven, Dare, Hyde, Martin, Pamlico, Washington)	Bulbous Adder's-tongue	W7	-	SR?	G5T5
<i>Ophioglossum nudicaule</i> (not in NC in RAB) C: moist sandy flats (Brunswick)	Slender Adder's-tongue	W7	-	S1?	G5
<i>Ophioglossum petiolatum</i> (not in NC in RAB) C: maritime wet grasslands, moist ditchbanks, grassy roadside flats (Beaufort, Brunswick, Carteret*, Craven, Dare, Washington)	Long-stem Adder's-tongue	W7	-	S2?	G5
<i>Oplismenus setarius</i> C: maritime forests, bottomlands (Brunswick*, Carteret*, Dare*, Pender, Washington)	Shortleaf Basket Grass	W7	-	S2	G5
<i>Orbexilum lupinellum</i> (= <i>Psoralea lupinellus</i>) S: sandhills (Bladen, Craven*, Cumberland, Hoke*, Moore*, Pamlico, Richmond*, Sampson, Scotland*)	Lupine Scurfpea	W1	-	S3	G3G4
<i>Oxyopsis ternata</i> CS: pine savannas, sandhill seeps (Brunswick*, Carteret*, Columbus*, Craven*, Cumberland*, Duplin, Harnett*, Hoke*, Jones, Lee, Martin, Moore*, Onslow*, Pender*, Pitt, Scotland*)	Savanna Cowbane	W1	C2/P3C	S3	G3?
<i>Panax quinquefolius</i> (= <i>P. quinquefolium</i>) MPC: cove forests, other rich forests (Ashe*, Avery*, Buncombe*, Burke*, Caswell*, Cherokee*, Clay, Davidson, Durham*, Graham, Haywood*, Henderson, Jackson*, Lee*, Macon*, Madison*, Martin, McDowell*, Mecklenburg, Mitchell*, Moore, Orange*, Polk*, Rockingham*, Rutherford*, Stokes*, Surry*, Swain*, Transylvania*, Wake*, Watauga*, Wilkes*, Yancey*)	Ginseng	W5	3C	S4	G4
<i>Panicum</i> (see <i>Dichanthelium</i> , <i>Phanopyrum</i>)					
<i>Parietaria floridana</i> (see also <i>P. praetermissa</i>) C: shell middens, disturbed sites, maritime forests	Florida Pellitory	W3	-	SR	G?
<i>Parietaria pensylvanica</i> PMC: slopes and bottomlands, usually over calcareous or mafic rocks (Anson, Bertie, Buncombe, Harnett*, Haywood*, Madison*, Martin, Mitchell)	Pennsylvania Pellitory	W7	-	S2	G5

Scientific Name	Common Name	Status		Rank	
Province: Habitat (Counties of Occurrence)		NC	US	NC	Global
<i>Parietaria praetermissa</i> (not in RAB) C: shell middens, disturbed sites, maritime forests (Brunswick, Carteret*, Hyde, Onslow*)	Large-seed Pellitory	W7	-	S1	G?
<i>Paronychia herniarioides</i> (not in NC in RAB) S: sandhills	Michaux's Whitlow-wort	W3	-	SR	G3G4
<i>Paronychia montana</i> (not in RAB) P: rocky slopes (Alexander*, Cherokee, Henderson, Transylvania)	Mountain Nailwort	W7	-	S17	G4
<i>Parthenium integrifolium</i> var. <i>mabryanum</i> (not in RAB) SPC: savannas, pocosin edges, upland pine-oak woods (Craven, Cumberland*, Harnett*, Hoke*, Johnston, Lee, Moore*, Richmond*, Scotland*, Union, Wake)	Mabry's Wild Quinine	W1	-	S3	G5T3
<i>Parthenium radfordii</i> (not in RAB) SCP: clay soils in sandhills (Bladen, Cumberland*, Franklin?, Harnett*, Hoke*, Moore*, Scotland*)	Wavyleaf Wild Quinine	W2	C2/P3B	S2	G2Q
<i>Paspalum bifidum</i> SC: sandhills and savannas (Brunswick, Cumberland*, Harnett*, Hoke*, Jones, Montgomery, Moore*, Richmond*, Scotland*)	Pitchfork Crown Grass	W1	-	S3	G5
<i>Paspalum dissectum</i> CP: mudflats, other open wet areas (Brunswick, Mecklenburg, Pender)	Mudbank Crown Grass	W7	-	S1	G3G4
<i>Paspalum fluitans</i> CP: seepage areas in swamp forests (Bladen, Forsyth, Martin, Wake)	Horsetail Crown Grass	W7	-	S1	G4G5
<i>Paspalum praecox</i> C: limesink ponds and savannas (Bertie, Bladen, Brunswick, Columbus, Craven, Dare, Duplin, Lee, Martin, New Hanover, Onslow*, Pamlico, Pender*)	Early Crown Grass	W7	-	S2S3	G4
<i>Paspalum pubiflorum</i> MP: open areas (Haywood, Madison, Stokes, Yadkin)	Hairy-seed Crown Grass	W7	-	S1?	G5
<i>Paspalum vaginatum</i> CP: brackish marshes, low wet places (Beaufort, Brunswick, Carteret, Craven, Hyde, Iredell, Pamlico)	Seashore Crown Grass	W7	-	S1S2	G5Q
<i>Paxistima canbyi</i> M: rock outcrops (counties of alleged native occurrence unknown)	Canby's Mountain-lover	W4	C2	SE	G2G3
<i>Pediomelum canescens</i> (= <i>Psoralea canescens</i>) SC: sandhills (Bladen, Brunswick, Cumberland*, Harnett*, Hoke*, Moore*, Richmond*, Scotland*)	Buckroot	W7	-	S2	G3G4
<i>Penstemon smallii</i> M: rock outcrops and thin forests (Ashe*, Avery, Buncombe, Burke, Caldwell, Graham, Haywood, Macon, Madison, Mitchell, Polk, Rutherford, Watauga*)	Small's Beardtongue	W7	-	S3	G3G4
<i>Persea borbonia</i> (not including <i>P. palustris</i>) C: sandy upland soils in maritime forests (Brunswick*, Carteret*, Onslow)	Upland Red Bay	W7	-	S2	G5
<i>Petalostemum</i> (see <i>Dalea</i>)					
<i>Phacelia maculata</i> P: granite flatrocks and creek bottomlands (Cleveland)	Spotted Phacelia	W3	-	SR	G7
<i>Phanopyrum gymnocarpum</i> (= <i>Panicum gymnocarpum</i>) C: low woods (Bertie, Columbus, Lenoir, Pitt)	Savanna Panic Grass	W7	-	S1?	G5
<i>Philadelphus hirsutus</i> MP: bluffs, cliffs, and rocky woods, mainly over mafic or calcareous rocks (Buncombe*, Graham, Madison*, Mitchell, Polk*, Rutherford*)	Streambank Mock Orange	W7	-	S2	G5
<i>Philadelphus inodorus</i> MP: bluffs, cliffs, and rocky woods, mainly over mafic or calcareous rocks (Avery, Bladen, Buncombe, Burke, Cabarrus, Cherokee, Cleveland, Forsyth, Haywood*, Iredell, Madison, Orange, Polk*, Randolph*, Rutherford*, Stanly*, Swain)	Scentless Mock Orange	W1	-	S3	G4G5

North Carolina Plant Watch List

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
		NC	US	NC	Global
<i>Phlox amplifolia</i> M: hardwood forests (Buncombe*, Graham, Heywood, Madison, Mitchell, Swain, Yancey)	Largeleaf Phlox	W7	-	S1S2	G3G5
<i>Phlox divaricata</i> ssp. <i>divaricata</i> M: rich deciduous forests (Henderson, Madison, Rutherford, Swain*, Transylvania, Watauga)	Wild Blue Phlox	W7	-	S2	G5T?
<i>Phlox divaricata</i> ssp. <i>laphamii</i> (not in RAB) C: rich levee end slope forests (Halifax*, Northampton*)	Wild Blue Phlox	W7	-	S1	G5T?
<i>Phytolacca rigida</i> (not in RAB) C: dunes, edges of brackish or salt marshes (Brunswick*, Carteret, Dare, New Hanover, Onslow, Pender*)	Meritime Pokeweed	W7	-	S2	G4
<i>Pinguicula lutea</i> C: sevens (Brunswick*, Columbus*, New Hanover, Pender)	Yellow Butterwort	W7	-	S2	G4G5
<i>Pityopsis graminifolia</i> var. <i>graminifolia</i> C: sevens, pine flatwoods, sandy roadsides (Bladen)	A Silkgrass	W7	-	S1?	G5T5
<i>Poa nemoralis</i> (not in RAB) M: sandy creek bottoms (Haywood)	Forest Bluegrass	W7	-	S1?	G5
<i>Polemonium reptans</i> PM: rich woods (Buncombe, Rockingham*, Stokes, Watauga)	Jacob's-ladder	W7	-	S1	G5?
<i>Polygala brevifolia</i> CS: sevens, seepages (Bladen, Brunswick*, Carteret*, Columbus, Craven, New Hanover, Onslow*, Pender*, Sampson)	Little-leaf Milkwort	W7	-	S2?	G4G5
<i>Polygala nana</i> (not in NC in RAB) M: habitat in NC not known (Buncombe)	A Milkwort	W7	-	S1?	G5
<i>Polygala senega</i> MP: woodlands end in thin soil around outcrops, usually over mafic or calcareous rocks (Ashe*, Buncombe, Burke, Clay, Durham, Forsyth, Guilford, Henderson, Jackson, McDowell*, Orange, Madison, Mitchell, Randolph, Rutherford*, Stanly, Surry, Swain, Wake, Watauga)	Senece Snekeroot	W7	-	S2S3	G4G5
<i>Polygonella americana</i> (not in NC in RAB) S: sandhills (Hoke*, Scotland*)	American Jointweed	W4	-	SE?	G5
<i>Polygonella gracilis</i> (not in NC in RAB) S: dry sandy areas (Hoke*)	Lesser Jointweed	W4	-	SE?	G4G5
<i>Polygonum amphibium</i> (= <i>P. coccineum</i>) MPC: marshes (Avery, Halifax, Person)	Water Smartweed	W7	-	S1	G5
<i>Polygonum erectum</i> MP: open places (Alamance, Avery, Cherokee, Clay, Jackson, Madison, Surry, Watauga, Yancey)	Erect Knotweed	W7	-	S1S2	G5
<i>Polygonum scandens</i> var. <i>cristatum</i> PMC: moist forests, especially alluvial (Alexander, Burke*, Greenville, Heywood, Iredell, Macon, Onslow, Orange, Stokes, Wake, Wilkes)	Climbing Buckwheat	W7	-	S2?	G5T5
<i>Polygonum tenue</i> MP: glades and other thin soil over mafic rocks (Alexander*, Ashe, Buncombe, Burke*, Durham, Forsyth, Greenville*, Henderson, Macon, Mecklenburg, Mitchell, Orange, Rockingham, Stanly, Wilkes*)	Glade Knotweed	W7	-	S2?	G5
<i>Polymnia canadensis</i> M: moist, rich forests (especially over calcareous rocks) (Heywood*, Madison, Mitchell, Surry, Yancey)	Canada Leaf-cup	W7	-	S2	G5
<i>Potentilla</i> (see <i>Sibbaldiopsis</i>)					
<i>Populus grandidentata</i> M: dry ridges and rocky woods (Alleghany, Ashe*, Haywood, Polk*, Swain*, Wilkes*, Yancey)	Bigtooth Aspen	W7	-	S2	G5
<i>Prenanthes alba</i> M: hardwood forests (Avery, Mitchell, Transylvania)	White Rattlesnakeroot	W7	-	S1?	G5
<i>Prunus alabamensis</i> (= <i>P. serotina</i> var. <i>alabamensis</i>) C: sandy woodlands (Washington)	Alabama Black Cherry	W7	-	S1	G?

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<i>Prunus allegheniensis</i> (not in RAB) M: rocky forests (Ashe)	Allegheny Sloe	W7	-	SH	G3
<i>Prunus nigra</i> (= <i>P. americana</i> var. <i>lanata</i>) MP: rich forests (Davie, Mecklenburg, Montgomery, Orange, Polk, Stanly)	Canada Plum	W7	-	S1	G4G5
<i>Prunus umbellata</i> PSC: rocky or sandy woodlands (Anson*, Brunswick, Burke*, Cabarrus, Cleveland, Robeson, Rutherford*, Stanly*, Union)	Hog Plum	W7	-	S2	G4G5
<i>Psilocarya</i> (see <i>Rhynchospora</i>) <i>Psoralea</i> (see <i>Orbexilum</i> , <i>Pediomelum</i>) <i>Ptelea trifoliata</i> MPC: rich woods, cliffs and rock exposures, mainly over mafic or calcareous rocks (Alexander*, Ashe*, Brunswick, Burke*, Cabarrus*, Cleveland*, Cumberland, Forsyth, Franklin, Granville, Jones*, Madison, New Hanover, Rutherford*, Wake*)	Wafer-ash	W7	-	S2	G5
<i>Pycnanthemum clinopodioides</i> (not in RAB) habitat in NC not known	Basil Mountain-mint	W3	-	SR	G2
<i>Pycnanthemum setosum</i> C: pinelands (Bladen, Hertford, Hyde, Pasquotank, Perquimans, Robeson, Tyrrell)	Awed Mountain-mint	W7	-	S2	G3G4
<i>Pycnanthemum virginianum</i> MP: forests, woodland borders (Ashe, Buncombe, Forsyth, Wake*)	Virginia Mountain-mint	W7	-	S1	G5
<i>Pyrola americana</i> (= <i>P. rotundifolia</i> var. <i>americana</i>) MPC: forests (Ashe*, Bladen, Durham, Forsyth, Granville*, Guilford*, Iredell, Mitchell, Orange, Person*, Rockingham, Wake, Warren)	American Shinleaf	W1	-	S2	G5
<i>Quercus bicolor</i> P: upland swamp forests (Davie, Granville*, Guilford, Mecklenburg*, Moore, Nash, Person*, Rockingham*, Rowan*, Wake, Wilson)	Swamp White Oak	W1	-	S2	G5
<i>Quercus imbricaria</i> MP: floodplain forests (Anson, Buncombe*, Burke*, Haywood*, Jackson*, Macon, Mecklenburg, Swain, Wilkes)	Shingle Oak	W1	-	S3	G5
<i>Quercus muehlenbergii</i> MP: calcareous forests and bluffs (Burke*, Cabarrus, Caswell*, Cherokee, Guilford, Jackson*, Madison*, McDowell*, Montgomery*, Person, Polk, Rockingham*, Rutherford, Swain, Vance*, Wake*)	Chinquapin Oak	W1	-	S2	G5
<i>Quercus palustris</i> P: swamps (Caswell, Chatham, Davidson, Davie, Durham, Granville, Lee, Orange, Rowan)	Pin Oak	W7	-	S1?	G5
<i>Ranunculus allegheniensis</i> M: rich cove forests (Alleghany, Ashe*, Avery*, Haywood, Mitchell, Watauga*)	Allegheny Mountain Buttercup	W7	-	S2	G4G5
<i>Ranunculus fascicularis</i> ?	A Buttercup	W7	-	SR	G5
<i>Ranunculus laxicaulis</i> (including <i>R. subcordatus</i>) C: swamp forests, open wet areas (Bladen*, Columbus*, Halifax*, Northampton*)	Swamp Buttercup	W7	-	S2	G5?
<i>Rhamnus caroliniana</i> PMC: rich bottomlands and slopes (Beaufort, Buncombe, Burke, Cabarrus*, Cleveland, Iredell, Lincoln, Madison, Mecklenburg*, Polk, Rutherford*, Union*)	Carolina Buckthorn	W7	-	S2?	G5
<i>Rhynchospora careyana</i> (not in RAB) C: limesink ponds (Onslow*)	Carey's Beaksedge	W7	-	S?	G?Q

North Carolina Plant Watch List		Status		Rank	
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<i>Rhynchospora cephalantha</i> var. <i>attenuata</i> (not in RAB) S: boggy openings in streamhead pocosins (Cumberland*, Harnett*, Hoke*, Moore*, Scotland*)	A Beaksedge	W7	-	S2	G5T3?
<i>Rhynchospora elliotii</i> (= <i>R. schoenoides</i>) CS: savannas (Beaufort, Bladen, Brunswick, Carteret, Columbus, Craven*, Cumberland, Harnett, Johnston, Jones*, Onslow*, Pamlico, Pitt, Richmond*, Robeson, Scotland*)	Elliott's Beaksedge	W7	-	S2S3	G5
<i>Rhynchospora fascicularis</i> var. <i>distans</i> (not in RAB) C: savannas and limesink ponds	A Beaksedge	W7	-	S1?	G5T4?
<i>Rhynchospora harveyi</i> SCMP: seepage bogs, savannas, mountain bogs (Carteret, Craven, Cumberland*, Forsyth, Harnett*, Hoke*, Hyde, Lee, Moore*, Nash, Pamlico, Richmond, Scotland*, Transylvania, Wake, Wilson)	Harvey's Beaksedge	W7	-	S2S3	G4
<i>Rhynchospora inundata</i> SC: limesink ponds, clay-based Carolina bays (Brunswick, Carteret*, Onslow*)	Narrowfruit Beaksedge	W7	-	S3	G4
<i>Rhynchospora leptocarpa</i> (not in RAB) S: boggy openings in streamhead pocosins, boggy beaverponds (Hoke*, Scotland*)	A Beaksedge	W7	-	S2	G3?
<i>Rhynchospora macrostachya</i> var. <i>colpophila</i> (not in RAB) C: tidal freshwater marshes (Chowan)	Virginia Horned Beaksedge	W7	-	S1?	G5T3?
<i>Rhynchospora megalocarpa</i> CS: dry sandy sites (Bladen, Brunswick*, Carteret, Cumberland, Moore, New Hanover, Pender*, Robeson)	Sandy-field Beaksedge	W7	-	S2?	G5
<i>Rhynchospora microcarpa</i> CP: swamp forests (Bladen, Dare, Hyde, Mecklenburg, New Hanover, Scotland*)	Southern Beaksedge	W7	-	S1	G5
<i>Rhynchospora miliacea</i> C: swamp forests, maritime swamp forests (Brunswick, Carteret, Craven*, Dare*, Jones, New Hanover, Onslow)	Millet Beaksedge	W7	-	S2?	G5
<i>Rhynchospora nitens</i> (= <i>Psilocarya nitens</i>) C: savannas, limesinks, other wet open places (Brunswick*, Carteret*, Columbus, Craven*, Cumberland*, Hyde, Johnston, Onslow*, Pender*, Scotland*)	Shortbeak Baldsedge	W7	-	S2	G4
<i>Rhynchospora pallida</i> CS: savannas, sandhill seeps, and pocosins (Beaufort, Bladen, Brunswick*, Carteret*, Columbus*, Craven, Cumberland*, Duplin, Edgecombe, Harnett*, Hoke*, Jones, Nash, New Hanover, Onslow*, Pamlico, Pender*, Richmond*, Scotland, Wilson)	Pale Beaksedge	W1	-	S3	G3
<i>Rhynchospora pusilla</i> (= <i>R. intermixta</i>) CS: savannas, seepage bogs (Brunswick*, Carteret*, Columbus, Cumberland*, Dare, Hoke*, Onslow*, Pender*, Robeson*, Scotland*)	Humble Beaksedge	W1	-	S2	G4G5
<i>Rhynchospora stenophylla</i> CS: savannas, seepage bogs (Carteret, Cumberland*, Harnett*, Hoke*, Moore*, Pender, Scotland*)	Littleleaf Beaksedge	W1	PC2	S3	G3
<i>Rhynchospora wrightiana</i> C: savannas (Brunswick, Carteret*, Cumberland*, New Hanover, Onslow*, Wayne)	Wright's Beaksedge	W7	-	S2S3	G5
<i>Robinia hispida</i> var. <i>rosea</i> (= <i>R. boyntonii</i>) MP: open woods (Alexander, Alleghany, Buncombe, Burke?, Catawba?, Henderson, Macon, Stanly, Wilkes)	Boynton's Locust	W7	-	S1?	G5T3
<i>Robinia viscosa</i> var. <i>viscosa</i> (= <i>R. viscosa</i>) MP: open woods (Buncombe, Burke, Haywood, Henderson, Jackson, Macon*, McDowell, Moore, Yancey)	Clammy Locust	W7	-	S3?	G3T3
<i>Rudbeckia laciniata</i> var. <i>humilis</i> (not in RAB) M: seeps and creekbanks at high elevations	A Coneflower	W7	-	S2?	G5T3?

Scientific Name	Common Name	Status		Rank	
Province: Habitat (Counties of Occurrence)		NC	US	NC	Global
<i>Rudbeckia triloba</i> var. <i>rupestris</i> (not in RAB) M: forests at high elevations	A Coneflower	W7	-	S2?	G4T3?
<i>Rumex altissimus</i> CPM: low wet places (Dare, Durham, Guilford, Iredell, Johnston, Madison, McDowell, Wake, Warren, Wilson)	Pale Dock	W7	-	S2?	G5
<i>Sabatia campestris</i> M: forest edges (Haywood)	Prairie Sabatia	W4	-	SH	G5?
<i>Sabatia capitata</i> (not in RAB) M: habitat in NC not known (Cherokee?)	A Sabatia	W3	-	SR	G2
<i>Sabatia quadrangula</i> PCS: sandhills, low woods, pocosin edges (Bertie, Durham, Granville*, Halifax, Johnston, Orange, Person, Randolph, Rowan, Scotland, Stanly, Wake*, Wayne)	Four-angle Sabatia	W7	-	S2	G4G5
<i>Sagina procumbens</i> (not in RAB) M: high elevation disturbed sites (Mitchell*)	Northern Pearlwort	W4	-	S1	G5
<i>Sagittaria engelmanniana</i> SCP: mostly blackwater streams and bogs (Carteret*, Craven, Cumberland*, Harnett*, Hoke*, Moore*, Onslow*, Scotland*)	Engelmann's Arrowhead	W7	-	S2	G5?
<i>Sagittaria platyphylla</i> (= <i>S. graminea</i> var. <i>platyphylla</i>) P: marshes (Union)	Delta Arrowhead	W7	-	S1	G5Q
<i>Sagittaria spathulata</i> (not in RAB) C: tidal freshwater to brackish marshes	Tidal Sagittaria	W3	-	SR	G4?
<i>Saxifraga careyana</i> M: seepy rockfaces (Ashe, Avery, Buncombe*, Graham, Haywood*, Henderson, Macon, Madison, Mitchell, Polk*, Rutherford*, Swain, Watauga, Yancey)	Carey's Saxifrage	W7	3C	S3	G3
<i>Schizachyrium stoloniferum</i> (not in RAB) CSP?: habitat in NC not known	Creeping Little Bluestem	W3	-	SR	G3G4
<i>Schoenolirion croceum</i> S: wet pinelands (Richmond)	Sunnybell	W3	-	SR	G4
<i>Scirpus americanus</i> (= <i>S. olneyi</i> in RAB) C: tidal marshes (Brunswick, Dare, Hyde)	Olney Threesquare	W7	-	S1?	G5
<i>Scirpus californicus</i> (not in RAB) C: tidal marshes (New Hanover)	California Bulrush	W3	-	SR	G5
<i>Scirpus divaricatus</i> C: swamp forests (Columbus, Craven, Edgecombe, Jones, Martin, Nash, Pamlico, Pitt, Sampson, Wilson)	Spreading Bulrush	W7	-	S2?	G5
<i>Scirpus koilolepis</i> P: wet places (Anson, Chatham, Durham, Union)	Keeled Beakrush	W7	-	S1	G5
<i>Scleria minor</i> CSM: bogs, savannas, seepage bogs (Beaufort, Bertie, Bladen, Craven*, Cumberland*, Harnett*, Henderson, Hoke*, Jones*, Lenoir, Macon, Martin, Moore*, Pender*, Pitt, Robeson, Scotland*, Transylvania)	Slender Nutrush	W1	-	S3	G4
<i>Sclerolepis uniflora</i> C: clay-based Carolina bays, blackwater river floodplains (Brunswick, Columbus*, Craven, Duplin, Harnett, Hoke*, Johnston, Jones, New Hanover, Northampton, Pender)	One-flower Hardscale	W7	-	S2?	G4
<i>Scutellaria altamaha</i> (not in RAB) M: rock outcrops, woodlands (Haywood, Henderson)	A Skullcap	W7	-	S1?	G2G3
<i>Scutellaria ovata</i> ssp. <i>bracteata</i> (not in RAB) CP: rich woods on circumneutral soil (Anson, Bladen, Burke, Caswell*, Chatham, Granville*, Halifax*, Harnett*, Northampton*, Wake*, Wilkes)	A Heartleaf Skullcap	W7	-	S2?	G5T?
<i>Scutellaria ovata</i> ssp. <i>ovata</i> M: rich woods on circumneutral soil (Polk)	A Heartleaf Skullcap	W7	-	S1	G5T?
<i>Scutellaria ovata</i> ssp. <i>rugosa</i> (not in RAB) PM: rich woods on circumneutral soil (Haywood, Mitchell, Stanly, Yancey)	A Heartleaf Skullcap	W7	-	S1	G5T?

North Carolina Plant Watch List		Status		Rank	
Scientific Name	Common Name	NC	US	NC	Global
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<i>Scutellaria pseudoserrata</i> (not in RAB) M: rocky woodlands (Macon)	A Skullcap	W7	-	SH	G2Q
<i>Scutellaria serrata</i> PM: deciduous forests (Alamance, Alexander, Buncombe, Burke*, Durham, Guilford, Lee, Macon, McDowell, Orange, Rockingham, Rutherford*, Surry, Swain, Wake*)	Showy Skullcap	W7	-	S2	G4G5
<i>Sebastiania fruticosa</i> C: swamp forests (Brunswick, Columbus, Pender, Robeson)	Sebastian-bush	W7	-	S1	G5
<i>Sedum</i> (also see <i>Diamorpha</i>)					
<i>Senecio glabellus</i> C: blackwater swamps (Beaufort*, Bladen, Brunswick, Craven*, Jones*, New Hanover*, Onslow*, Pamlico*, Pender*)	Butterweed	W1	-	S3	G5
<i>Senecio obovatus</i> M: wooded slopes, mostly over mafic rocks (Alexander*, Ashe, Burke*, Clay, Cleveland*, Graham, Jackson*, Madison, McDowell*, Polk, Rutherford*, Swain*)	Roundleaf Ragwort	W7	-	S2	G5
<i>Senna hebecarpa</i> (= <i>Cassia hebecarpa</i>) PM: forests (Buncombe, Burke*, Cabarrus, Cherokee, Davie, Durham, Guilford, Henderson, Iredell, Lincoln, Mecklenburg, Mitchell, Montgomery, Moore, Orange, Person, Polk, Randolph, Transylvania, Wake, Wilkes)	Wild Senna	W7	-	S2S3	G5
<i>Sesuvium maritimum</i> C: seabeaches, marshes (Brunswick, Dare*, Hyde*)	Slender Sea-purslane	W7	-	S1	G5
<i>Sesuvium portulacastrum</i> C: seabeaches (Brunswick*, Carteret*, Hyde*, Pender*)	Shoreline Sea-purslane	W7	-	S1S2	G5?
<i>Sibbaldiopsis tridentata</i> (= <i>Potentilla tridentata</i> in RAB) M: grassy balds, high elevation rocky summits and glades (Ashe*, Avery*, Buncombe*, Jackson*, Haywood*, Macon*, McDowell*, Mitchell*, Transylvania*, Watauga*)	Mountain-cinquefoil	W1	-	S3	G5
<i>Sida inflexa</i> (not in RAB) C: habitat in NC not known	Fernald's Fan-petal	W3	C2*	SR	GH
<i>Sideroxylon lycioides</i> (= <i>Bumelia lycioides</i>) CP: maritime forests, bluffs or forests over calcareous or mafic rocks (Alexander, Anson, Beaufort, Bladen, Brunswick*, Cabarrus*, Carteret, Columbus, Craven, Currituck, Dare, Johnston, Jones, New Hanover*, Onslow, Pender, Richmond*, Stanly, Tyrrell)	Buckthorn Bumelia	W7	-	S2S3	G5
<i>Silene caroliniana</i> PSC: granite flatrocks and sandy woods (Anson, Cumberland*, Dare, Franklin*, Hoke*, Lenoir, Moore*, Pitt, Richmond, Stanly, Union, Wake*)	Carolina Pink	W7	-	S1S2	G5
<i>Silphium asteriscus</i> var. <i>laevicaule</i> (= <i>S. dentatum</i>) PM: forests (Alamance, Anson, Cabarrus, Chatham, Cleveland, Davidson, Gaston, Granville, Macon, Mecklenburg, Polk, Rowan, Union, Wake)	Starry Rosinweed	W7	-	S2	G?T?
<i>Silphium compositum</i> var. <i>reniforme</i> PM: forests and forest edges (Burke*, Caldwell, Catawba*, Cleveland*, Davidson, Forsyth, Gaston, McDowell*, Polk, Rutherford*)	Kidneyleaf	W7	-	S2	G?T?
<i>Smilax hugeri</i> MP: deciduous forests (Anson, Macon*)	Huger's Carrionflower	W7	-	S1	G4
<i>Solanum pseudogracile</i> (= <i>S. gracile</i>) C: dunes (Brunswick*, Carteret, Onslow*, Pender*)	Graceful Nightshade	W7	-	S1	G?
<i>Solidago arguta</i> var. <i>arguta</i> (= <i>S. arguta</i> [pro parte]) MPC: forests	A Goldenrod	W7	-	S2?	G5T4
<i>Solidago curtisii</i> var. <i>pubens</i> MP: cove forests (Alleghany, Avery, Burke*, Henderson, Rutherford*, Watauga)	A Goldenrod	W3	-	S1	G5T?
<i>Solidago lancifolia</i> (not in RAB) M: moist forests, mostly over 5000 feet	Lance-leaf Goldenrod	W7	-	S?	G3?

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Solidago patula</i> var. <i>strictula</i> SC: pocosins, peaty places (Brunswick, Cumberland*, Harnett, Hoke*, Johnston, Moore*, Richmond, Scotland*, Wake)		W7	-	S2?	G5T5
<i>Solidago puberula</i> var. <i>puberula</i> MP: bogs and wet meadows (Allaghany, Avery, Burke, Cabarrus, Haywood, Henderson, Macon, Mitchell, Surry, Transylvania)	Downy Goldenrod	W7	-	S2	G5T?
<i>Solidago</i> sp. 1 (not in RAB) C: edge of coastal fringe avaregreen forest (New Hanover, Onslow*)	A Goldenrod	W7	-	S1	GU
<i>Solidago simulans</i> (not in RAB; incl. NC " <i>S. porteri</i> ") M: high elevation granitic domes (Jackson, Macon*)	A Goldenrod	W2	-	S1	G1Q
<i>Solidago ulmifolia</i> PM: wooded stream banks (Burke, Chatham, McDowell, Montgomery, Wake)	Elm-leaf Goldenrod	W7	-	S1	G5
<i>Solidago vaseyi</i> (not in RAB) M: rocky woodlands and forests (Ashe, Avery, Burke, Graham, Madison, Mitchell, Yancey)	Vasey's Goldenrod	W7	-	S3?	G3?
<i>Solidago</i> (see also <i>Euthamia</i>) <i>Spergularia marina</i> C: salt marshes and tidal flats (Brunswick, Carteret*, Currituck, Dare, Hyde, Pamlico)	Saltmarsh Sandspurrey	W7	-	S1S2	G5
<i>Sphenopholis intermedia</i> MPC: rich woods (Ashe, Cabarrus, Caldwell, Graham, Guilford, Haywood, Madison, Martin, Mitchell, Stokes)	Prairie Wedgascale	W7	-	S2	G5T5
<i>Spilanthes</i> (see <i>Acmella</i>) <i>Spiraea alba</i> var. <i>alba</i> M: bogs (Alleghany*, Ashe*, Avery*, Buncombe, Clay, Henderson, Jackson, Macon, Transylvania, Wilkes)	Narrowleaf Meadowsweet	W7	-	S2?	G5T5
<i>Spiraea alba</i> var. <i>latifolia</i> M: bogs (Allaghany, Ashe*, Avery, Jackson, Macon, Surry, Transylvania)	Broadleaf Meadowsweet	W7	-	S2?	G5T5
<i>Spirodela polyrrhiza</i> C: ponds, stagnant waters	Common Water-flaxseed	W7	-	S2?	G5
<i>Sporobolus asper</i> (not in RAB) P: habitat not known (Durham)	Rough Dropseed	W3	-	SR	G5
<i>Sporobolus</i> sp. 1 (not in RAB) CS: wet savannas (Bladen, Brunswick*, Columbus*, Cumberland*, Duplin, Greene, Harnett*, Hoke*, Jones, Lenoir, Onslow*, Pandar*, Richmond*, Robeson, Sampson, Scotland*)	Carolina Dropsaad	W1	-	S3	G3
<i>Stachys nuttallii</i> (not <i>S. nuttallii</i> in RAB) MS: bogs (McDowell?)	Haartlaaf Hedge-nattla	W7	-	S1	G5?
<i>Stachys tenuifolia</i> var. <i>tenuifolia</i> (= <i>S. tenuifolia</i>) C: swamp forests, edges of bottomlands (Bertie*, Northampton*)	Smooth Hedge-nattle	W7	-	S1	G5T4
<i>Stellaria corei</i> MP: coves, saaps, northern hardwoods forest (Avery*, Buncombe*, Burke*, Caldwell, Catawba, Clay*, Haywood, Jackson*, Macon*, Mitchell*, Polk, Swain*, Watauga*, Yancey)	Core's Starwort	W1	-	S3	G3
<i>Stewartia ovata</i> MP: bluffs and forests, usually with rhododendron (Burke, Cherokee, Graham*, Macon*, Montgomery, Randolph, Stokes*, Surry, Swain, Transylvania, Wake)	Mountain Camellia	W1	-	S2	G4
<i>Streptopus roseus</i> var. <i>roseus</i> (= <i>S. roseus</i> , in part) M: high elevation forests, mainly northern hardwoods and spruce-fir	Southern Twisted-stalk	W7	-	S1?	G5T1T3
<i>Swertia</i> (see <i>Fraseria</i>)					

North Carolina Plant Watch List		Status		Rank	
Scientific Name	Common Name	NC	US	NC	Global
Province: Habitat (Counties of Occurrence)					
<i>Syngonanthus flavidulus</i> C: ditches, pocosin ecotones, savannas (Bladen*, Brunswick*, Carteret*, Craven, Cumberland*, New Hanover, Onslow*, Sampson)	Yellow Hatpins	W1	-	S3	G5
<i>Thalictrum macrostylum</i> CSPM: bogs and wet woods (Beaufort, Chowan, Clay*, Guilford, Henderson, Hertford, Hyde, Jones, Macon, Mecklenburg, Moore*, Polk, Richmond, Transylvania, Warren)	A Meadowrue	W7	-	S2?	G4?
<i>Thermopsis villosa</i> M: forests and openings (Avery, Cherokee, Clay, Graham*, Haywood*, Jackson, Macon*, Madison, Surry, Swain, Transylvania)	Aaron's-rod	W7	-	S2?	G3?
<i>Thuja occidentalis</i> M: calcareous rocks? (no known and documented native occurrences) (Ashe?, Burke?)	American Arborvitae, Flat-cedar	W4	-	SE?	G5
<i>Tilia americana</i> var. <i>americana</i> (= <i>T. americana</i>) MP: rich cove forests (Davidson, Swain, Wake, Watauga)	American Basswood	W7	-	S1?	G5T5
<i>Triadenum tubulosum</i> (= <i>Hypericum t.</i> ; not in NC in RAB) C: wet sites, pools (Dare?)	A St. John's-wort	W3	-	SR	G3G5
<i>Trichomanes intricatum</i> (not in RAB) M: moist grottoes (Burke*, Jackson, Macon, Transylvania, others)	Grotto-felt	W7	-	S2	G3G4
<i>Trichostema setaceum</i> SPC: dry woodlands, granite flatrocks (Alexander*, Cleveland, Cumberland, Durham, Franklin*, Gates, Granville*, Henderson, Madison, Mecklenburg, Moore, Richmond, Rowan, Wake*)	Narrowleaf Bluecurls	W7	-	S2	G5
<i>Trifolium reflexum</i> PMSC: open woods and clearings (Buncombe, Cabarrus, Caswell, Chatham, Cherokee*, Durham*, Granville, Halifax, Iredell, Johnston, Lee, Madison, Mecklenburg, Mitchell, Moore, New Hanover, Orange*, Polk, Randolph, Richmond, Rowan, Rutherford, Stokes, Wake*, Yadkin)	Buffalo Clover	W7	-	S1S2	G5
<i>Trillium rugelii</i> (= <i>T. cernuum</i> in RAB) PM: rich woods and coves over mafic and calcareous rocks (Buncombe*, Burke*, Davie, Guilford, Haywood*, Henderson, Mecklenburg, Mitchell, Polk*, Yancey*)	Southern Nodding Trillium	W1	-	S2?	G4
<i>Triosteum angustifolium</i> P: thin woodlands over mafic rocks (Cabarrus, Durham*, Granville*, Guilford, Mecklenburg, Orange, Randolph)	Narrowleaf Tinker's-weed	W7	-	S2?	G5
<i>Triosteum aurantiacum</i> M: rich cove forests over mafic rocks (Ashe*, Clay, Graham, Haywood, Iredell, Jackson, McDowell, Mecklenburg, Mitchell, Swain, Watauga)	Coffee Tinker's-weed	W7	-	S2?	G5
<i>Triphora trianthophora</i> MC: moist forests (Ashe, Buncombe, Burke*, Carteret*, Clay, Dare, Forsyth, Graham*, Haywood*, Henderson, Jackson, Macon, Northampton, Polk, Rutherford, Swain, Transylvania, Yancey)	Three Birds Orchid	W7	-	S2?	G4
<i>Typha domingensis</i> C: brackish marshes (Beaufort, Brunswick, Carteret, Dare*, Hyde, Pamlico, Pender)	Southern Cattail	W7	-	S2?	G4G5
<i>Uniola</i> (see <i>Chasmanthium</i>)					
<i>Utricularia cornuta</i> CM: bogs, limesink ponds (Ashe*, Brunswick*, Hoke, New Hanover, Watauga*)	Horned Bladderwort	W7	-	S1	G5
<i>Utricularia macrorhiza</i> (= <i>U. vulgaris</i>) C: pools and ponds (Chowan, Currituck, Hyde, Perquimans)	Greater Bladderwort	W7	-	S1?	G5
<i>Vaccinium virgatum</i> (= <i>V. amoenum</i>) S: pocosins, blackwater swamps, mesic pine flatwoods, sandhill seeps (Hoke*, Scotland*)	Small-flower Blueberry	W7	-	S1	G4G5

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Valerianella umbilicata</i> PM: rich woods and disturbed sites (Forsyth, Randolph, Stokes, Swain)	Woodland Cornsalad	W7	-	S1	G3G5
<i>Verbena</i> (see also <i>Glandularia</i>)					
<i>Verbena scabra</i> C: marsh edges, shell middens (Bleden, Brunswick, Carteret, Chowen, Currituck, Hyde, New Hanover, Onslow, Pender*, Pitt*)	Scrubpepper Vervain	W7	-	S2?	G5
<i>Verbena stricta</i> C: disturbed sites (Onslow)	Hoary Vervain	W7	-	S1	G5
<i>Verbesina helianthoides</i> (not in RAB) M: open woods and glades	A Crownbeard	W3	-	SR	G5
<i>Veronica anagallis-aquatica</i> M: bogs, streambanks, rivulets (Avery*, Madison, Mitchell)	Blue Water Speedwell	W7	-	S1	G5
<i>Veronicastrum virginicum</i> MP: bogs, wet meadows, dry soils over mafic rocks (Allegheny, Ashe*, Avery, Buncombe, Durham, Forsyth, Greenville*, Jackson*, Madison, Orange, Person, Yancey, Wake*)	Culver's-root	W7	-	S2?	G5
<i>Vigna luteola</i> C: marsh edges, wet open areas (Brunswick*, New Hanover)	Wild Cowpea	W7	-	S1?	G5
<i>Viola brittoniana</i> CSP: moist slopes and low wet places (Brunswick, Chowen, Columbus, Cumberland, Currituck, Getes, Hertnett, Hertford, Jones*, Montgomery, Moore, Northampton, Perquimans, Pitt, Richmond, Robeson, Wake, Washington)	Northern Coastal Violet	W7	-	S2?	G4G5
<i>Viola conspersa</i> MP: rich cove forests, bottomlands, and seepage slopes (Allegheny, Alexander, Heywood, Iredell, Mecon, McDowell, Mitchell, Rowen, Rutherford*, Wilkes)	American Dog Violet	W7	-	S2?	G5
<i>Viola villosa</i> CSP: moist places, especially pocosin edges (Anson, Bleden, Cumberland*, Hoke*, New Hanover, Onslow)	Caroline Violet	W7	-	S1?	G5
<i>Viola walteri</i> MP: rich cove forests and other rich forests (Allegheny, Cleveland, Heywood, Jackson, Lee, Montgomery*, Randolph, Tennessee)	Prostrate Blue Violet	W7	-	S1S2	G4G5
<i>Vittaria appalachiana</i> (not in RAB) MP: moist grottoes (Burke*, Jackson*, Mecon*, Stokes*, Tennessee*, others)	Appalachian Gemetophyte	W7	-	S2S3	G4?
<i>Waldsteinia fragarioides</i> ssp. <i>fragarioides</i> (not incl. ssp. <i>doniana</i>) P: forests and streambanks	Northern Barren-strewberry	W7	-	S1?	G5T5
<i>Xerophyllum asphodeloides</i> MP: dry ridges, heath belds, pine-oak heaths (Avery*, Burke*, Catawba*, Clay, Cleveland*, Gaston, McDowell*, Mitchell, Rutherford*, Stokes*, Tennessee, Yancey)	Beergress, Eastern Turkeybeard	W1	-	S3	G3
<i>Xyris difformis</i> var. <i>curtissii</i> (= <i>X. curtissii</i>) CSP: seepages, bogs, and other wet areas (Brunswick, Carteret, Chowen, Columbus, Iredell, Moore, Nash, Onslow*, Pender*, Scotland, Wake, Wilson)	Curtiss's Yellow-eyed-grass	W1	-	S2?	G5T5
<i>Xyris iridifolia</i> CS: limesink ponds, pinelands pools, marshes (Beaufort, Brunswick*, Carteret, Columbus, Craven, Duplin, Hertnett, Jones, Onslow, Robeson)	Iris-leaved Yellow-eyed-grass	W7	-	S2?	G4G5
<i>Xyris smalliana</i> CS: pinelands pools, limesink ponds, shores (Brunswick, Carteret, Craven, New Hanover, Onslow*, Richmond)	Small's Yellow-eyed-grass	W7	-	S3	G5
<i>Yucca aloifolia</i> C: dunes (Brunswick, Carteret*, Dare*, Hyde*, Pender*)	Aloe Yucca	W7	-	S2?	G5

North Carolina Plant Watch List

71

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
		NC	US	NC	Global
<i>Yucca flaccida</i> (= <i>Y. filamentosa</i> var. <i>smalliana</i>) CSPM: open, dry woodlands (Burke*, Catawba*, Cherokee, Jackson, Lee, Lenoir, McDowell*)	Weakleaf Yucca	W7	-	S1	G5
<i>Zannichellia palustris</i> C: calcareous or brackish waters of pools and estuaries (Brunswick, Craven, Currituck, Dare, Hyde, Pamlico, Tyrrell)	Horned-pondweed	W7	-	S2?	G5
<i>Zanthoxylum americanum</i> (not in NC in RAB) M: rich woodlands, over calcareous or mafic rocks (Jackson?)	American Prickly-ash	W3	-	SR	G5
<i>Zephyranthes</i> sp. 1 (= <i>Z. simpsonii</i> in RAB, misapplied) C: pine flatwoods, savannas, roadsides (Brunswick*)	Carolina Atamasco Lily	W7	-	S2?	G2?
<i>Zizania aquatica</i> C: freshwater marshes (Beaufort, Brunswick*, Carteret, Chowan, Craven, Dare*, Gates*, Jones*, New Hanover, Pender)	Wild Rice	W7	-	S2	G5
<i>Zosterella dubia</i> (= <i>Heteranthera dubia</i> in RAB) M: sluggish streams (Alleghany)	Water Stargrass	W3	-	S1?	G5

MOSSES

<i>Brothera leana</i> MP: on logs in forests, thin soil around rock outcrops (Ashe*, Avery*, Burke, Haywood, Jackson, McDowell, Rutherford, Stokes*, Surry*, Watauga)	A Moss	W7	-	S2?	G3G4
<i>Cryphaea ravenelii</i> PC: on bark of trees (Anson, Chatham, Durham, Halifax, Harnett, Hertford, Person)	A Moss	W7	-	S2?	G3?
<i>Fissidens appalachensis</i> M: submerged in rapids of moderate to high elevation mountain streams (Buncombe, Caldwell, Jackson, Macon, McDowell, Swain, Watauga)	Appalachian Pocket Moss	W7	-	S2S3	G2G3
<i>Fissidens exilis</i> P: streambanks (Cleveland*, Durham*, Gaston?)	A Pocket Moss	W7	-	S1S2	G2G4
<i>Neckera complanata</i> M: on calcareous rocks in humid gorges (Jackson)	A Moss	W7	-	S1	G5
<i>Polytrichum appalachianum</i> (= <i>Polytrichum xanthopilum</i>) MP: rocky summits, mostly at high elevations (Ashe*, Avery*, Buncombe, Burke, Haywood, Jackson*, Macon, Mitchell*, Stokes*, Transylvania, Watauga*, Yancey)	Appalachian Haircap Moss	W1	-	S3	G3
<i>Sphagnum macrophyllum</i> var. <i>floridanum</i> CS: in blackwater streams, ditches (Beaufort, Bladen*, Brunswick, Carteret, Craven, Duplin, Sampson)	Florida Peatmoss	W7	-	S3	G4T3
<i>Taxiphyllum cuspidifolium</i> (= <i>Isopterygium</i> c.) M: on limestone in spray zones of waterfalls (Macon)	A Moss	W7	-	S1	G2G4
<i>Tortella flavovirens</i> C: dune swales (Brunswick*, Carteret, Dare*, Hyde*)	Beach Moss	W7	-	S3	G4G5

LIVERWORTS

<i>Barbilophozia attenuata</i> (= <i>Lophozia attenuata</i>) M: on rocks in spruce-fir forests (Avery, Buncombe, Haywood, Transylvania, Yancey)	A Liverwort	W7	-	S2	G5
<i>Cephaloziella massalongi</i> M: high elevation rocky summits (Swain)	A Liverwort	W7	-	S1	G2G3
<i>Cololejeunea ornata</i> M: on limestone (Jackson)	A Liverwort	W3	-	S1	G?
<i>Diplophyllum andrewsii</i> M: on soil or rocks on banks (Avery, Buncombe, Burke, Graham, Jackson*, Macon, McDowell, Swain, Yancey)	A Liverwort	W7	-	S2	G3

North Carolina Plant Watch List

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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<i>Diplophyllum taxifolium</i> var. <i>taxifolium</i> M: crevices and under-edges of rock outcrops, mostly in spruce-fir forests at high elevations (Ashe, Buncombe, Burke, Caldwell, Clay, Haywood, Jackson, Macon, Mitchell, Swain, Transylvania, Yancey)	A Liverwort	W7	-	S2?	G5T5
<i>Dumortiera hirsuta</i> ssp. <i>nepalensis</i> M: in grottoes behind waterfalls in humid gorges (Graham, Jackson, Macon)	A Liverwort	W1	-	S1	G5
<i>Frullania oakesiana</i> M: on bark of conifers or deciduous trees at high elevations (Avery, Buncombe, Haywood, Jackson, Macon, McDowell, Mitchell, Swain, Watauga, Yancey)	A Liverwort	W7	-	S1S2	G3?
<i>Frullania plana</i> MP: on rock outcrops in gorges or near rivers (Burke, Durham, Graham, Haywood, Jackson, Macon, McDowell, Polk, Stokes)	A Liverwort	W7	-	S2	G3G4
<i>Lophozia capitata</i> CPM: in moist depressions in savannas or on clay-pans in the piedmont, rock outcrops (Durham, Jones, Onslow, Orange, Watauga*)	A Liverwort	W7	-	S1	G4?
<i>Lophozia</i> (see also <i>Barbilophozia</i>)					
<i>Mannia triandra</i> M: on limestone (McDowell)	A Liverwort	W7	-	S1	G3G4
<i>Metzgeria furcata</i> var. <i>setigera</i> M: damp shaded rocks at high elevations in spruce-fir forests or in humid gorges (Caldwell, Swain)	A Liverwort	W7	-	S1	G5T1
<i>Metzgeria pubescens</i> M: on bark of trees (Buncombe, Swain)	A Liverwort	W7	-	SH	G5
<i>Metzgeria uncigera</i> CM: on bark in maritime forests or on rhododendron in mountain forests (Brunswick*, Carteret, Gates, Graham, Hyde, New Hanover, Pamlico)	A Liverwort	W7	-	S1	G3
<i>Pellia appalachiana</i> MPC: on moist rock outcrops, usually near waterfalls (Harnett, Macon, Wake)	A Liverwort	W7	-	S1?	G1Q
<i>Plagiochila undata</i> (ssp. <i>undata</i>) CMP: on rocks or bark (Anson, Chatham, Columbus, Durham, Madison, McDowell, Orange, Polk, Stanly)	A Liverwort	W7	-	S2	G4T4
<i>Ptilidium pulcherrimum</i> MP: on bark of trees in moist forests (Ashe*, Avery, Gaston*, Haywood, Mitchell, Watauga)	A Liverwort	W7	-	S1	G5
<i>Radula tenax</i> M: on moist rocks or bark in humid gorges and cove forests (Ashe, Buncombe, Burke, Caldwell, Jackson, Macon, Mitchell, Swain, Transylvania, Watauga, Yancey)	A Liverwort	W7	-	S2	G3G4
<i>Reboulia hemisphaerica</i> ssp. <i>didice</i> M: in spray zone of waterfalls in humid gorges (Macon)	A Liverwort	W7	-	S1	G5T2?
<i>Ricciocarpus netens</i> C: floating in shaded ponds or pools (Dare)	A Liverwort	W1	-	S1	G5

Scientific Name Province: Habitat (Counties of Occurrence)	Common Name	Status		Rank	
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HORNWORTS

<i>Aspiromitus adscendens</i> (= <i>Anthoceros adscendens</i>) CP: old fields (Bladen, Columbus, Durham, Jones, Wilson)	A Hornwort	W7	-	S2?	G3?
<i>Notothylas orbicularis</i> var. <i>pseudotemperata</i> C: damp mineral soil (Columbus)	A Hornwort	W7	-	S1	G5T1Q

LICHENS

<i>Cladina evansii</i> C: sandhills (primarily near the coast), usually associated with <i>Quercus geminata</i> (Bladen, Brunswick*, Carteret*, Craven, Onslow*, Pender*)	A Reindeer Lichen	W7	-	S2	G4G5
<i>Lobaria scrobiculata</i> M: on bark of hardwoods at high elevations (primarily spruce-fir zone) (Haywood, Jackson, Macon, Mitchell, Swain, Yancey)	A Foliose Lichen	W7	-	S2?	G3G4
<i>Ochrolechia yasudae</i> M: on bark or rock (Ashe, Buncombe, Macon)	A Lichen	W7	-	S1?	G3G4
<i>Parmelia</i> (see <i>Punctelia</i>)					
<i>Platismatia glauca</i> M: on bark of spruce, fir, or hardwoods, in the spruce-fir zone (Avery, Haywood, Jackson, Swain, Yancey)	A Foliose Lichen	W7	-	S2	G5
<i>Porpidia cinereoatra</i> M: high elevation rocky summits (Mitchell)	A Crustose Lichen	W7	-	S1	G5?
<i>Porpidia macrocarpa</i> M: high elevation rocky summits (Mitchell)	A Crustose Lichen	W7	-	S1?	G4
<i>Porpidia tuberculosa</i> M: high elevation rocky summits (Mitchell)	A Crustose Lichen	W7	-	S1	G?
<i>Punctelia reddenda</i> M: on bark of hardwoods at high elevations (generally spruce-fir zone) (Buncombe, Haywood, Jackson, Swain, Yancey)	A Foliose Lichen	W7	-	S2	G5

REGIONALLY RARE PLANT (WITHIN-STATE DISJUNCT) LIST

A list of North Carolina's rare plants is, of course, determined by the arbitrary, political boundaries of the state. Biological rarity, however, is determined by the natural boundaries of physiography, geology, soils, and climate. These and other physical, biological, and historic factors have determined the evolutionary history and phytogeography of plants currently occupying what is now called "North Carolina." Rarity in one part of the state, especially when disjunct from the region of greater abundance, can have as much biological significance as disjunctions from another state. Disjunct populations nearly always have some level of genetic differentiation from populations in the main part of a species' range. If this genetic differentiation is great enough (and obvious enough), the disjunct population may be recognized as a separate species, subspecies, or variety. In many cases, however, the genetic differentiation is not great enough (or is not obvious enough with the relatively crude taxonomic tools which have been applied to most taxa) to have warranted the naming of a distinct taxon. Further study will likely show that many disjunct populations do warrant taxonomic status. Preservation of biodiversity requires not only preventing the extinction of species, but also maintaining genetic diversity within the species. The long-term viability of a species is dependent on the genetic diversity represented within and between different populations of the species. Disjunct and peripheral populations are especially likely to contain genetic material rare or absent in the bulk of the species' populations.

Moreover, within-state disjunctions are likely to serve as indicators of regionally unique or unusual habitats. Attention to such species is especially important in county natural area inventories and regional planning.

The following list of Watch Category 6 plants is not exhaustive, but represents some of the most important and significant within-state disjunctions. An emphasis has been placed on species which are disjunct rather than peripheral -- that is, which have a demonstrable gap in their North Carolina ranges. Examples are *Rhododendron catawbiense*, which is rather common at high to medium elevations in the mountains, but occurs in small, disjunct populations in the lower Piedmont and upper Coastal Plain, and *Pogonia ophioglossoides*, a primarily Coastal Plain species, occurring in rare bogs in the mountains.

MOUNTAINS

<i>Aristida virgata</i>	<i>Kalmia carolina</i> (= <i>K. angustifolia</i> var. <i>caroliniana</i>)
<i>Bartonia virginica</i>	<i>Lespedeza angustifolia</i>
<i>Brasenia schreberi</i>	<i>Orontium aquaticum</i>
<i>Calopogon tuberosus</i>	<i>Platanthera cristata</i> (= <i>Habenaria cristata</i>)
<i>Cardamine bulbosa</i>	<i>Pogonia ophioglossoides</i>
<i>Chamaedaphne calyculata</i> (= <i>Cassandra calyculata</i>)	<i>Pycnanthemum flexuosum</i>
<i>Clematis crispa</i>	<i>Rhynchospora gracilentia</i>
<i>Coreopsis gladiata</i>	<i>Sabatia brachiata</i>
<i>Cuscuta corylii</i>	<i>Sium suave</i>
<i>Eriocaulon compressum</i>	<i>Smilax laurifolia</i>
<i>Eriocaulon decangulare</i>	<i>Toxicodendron vernix</i> (= <i>Rhus vernix</i>)
<i>Eryngium integrifolium</i>	<i>Triadenum virginicum</i> (= <i>Hypericum virginicum</i>)
<i>Gaylussacia dumosa</i>	<i>Utricularia biflora</i> (including <i>U. gibba</i>)
<i>Justicia americana</i>	<i>Utricularia subulata</i>

PIEDMONT

Aconitum uncinatum (lower Piedmont only)*Actaea pachypoda**Aralia nudicaulis**Aralia racemosa**Asplenium montanum* (lower Piedmont only)*Berchemia scandens**Campanulastrum americanum* (= *Campanula americanum*)*Carex torta**Cornus alternifolia**Dicentra cucullaria**Dryopteris intermedia**Eleocharis microcarpa**Eriocaulon compressum**Eryngium integrifolium**Hydrophyllum canadense**Hydrophyllum virginianum**Lachnocaulon anceps**Diphasiastrum tristachyum* (= *Lycopodium t.*)*Magnolia virginiana**Myrica heterophylla**Paronychia argyrocoma**Phalaris arundinacea**Pieris floribunda**Pinus strobus* (lower Piedmont only)*Platanthera flava* var. *flava* (= *Habenaria flava* var. *f.*)*Pogonia ophioglossoides**Rhododendron catawbiense**Rhynchospora chalarocephala**Salix humilis**Sarracenia flava**Sarracenia purpurea**Saxifraga micranthidifolia**Scirpus pungens* (= *S. americanus* in RAB)*Sium suave**Smilax laurifolia**Symplocarpus foetidus**Tsuga canadensis* (lower Piedmont only)*Xyris baldwiniana**Xyris curtissii**Xyris jupicai*

SANDHILLS

*Comptonia peregrina**Drosera rotundifolia**Leiophyllum buxifolium**Pinguicula caerulea**Pleea tenuifolia**Rhododendron catawbiense**Rhododendron minus*

COASTAL PLAIN

*Anemone quinquefolia**Aster cordifolius**Castilleja coccinea**Clematis ochroleuca**Clematis virginiana**Delphinium tricornis**Leiophyllum buxifolium**Magnolia tripetala**Pellaea atropurpurea**Platanthera lacera* (= *Habenaria lacera*)*Stenanthium gramineum**Viola blanda*

POTENTIAL NEW TO NORTH CAROLINA PLANTS

The following list is of species not currently known to occur in North Carolina, but which are considered to have some possibility of being found in North Carolina, based on their currently known range and habitat preferences. Most are species which occur in the adjacent states of South Carolina, Georgia, Tennessee, or Virginia, in habitats at least relatively similar to habitats known to exist in North Carolina. The purpose of this list is to foster understanding of the flora of North Carolina by challenging botanists to find new state records; this list should give field investigators an idea of some of the species that may be native components of North Carolina's flora. While some of these species may have relatively remote chances of being found in North Carolina, the likelihood of finding new state records is greatly increased by being aware of the possibilities and by species-directed searching. State records of native vascular plants are currently being found at the rate of about five per year. Our knowledge of North Carolina's flora is still quite imperfect, and many natural areas are being destroyed before they can be investigated; certainly a number of native species have been extirpated from North Carolina before they were ever documented as occurring in the state.

Following each species is the North Carolina province in which the species is considered most likely to be found. Where possible, a description of the typical habitat of the species in the vicinity of North Carolina is also given. Sometimes, the nearest known occurrence(s) to North Carolina are also listed, with the distance from North Carolina in number of counties in brackets. For instance [1] indicates that the species has been reported from a county immediately adjacent to North Carolina; [5] indicates that the species has been reported from a county 5 counties away from the North Carolina border. An average county width in and around North Carolina is about 25 miles, so [5] indicates an approximate distance from North Carolina of 100-125 miles. While distance from the state is an interesting piece of information, it is probably a poor indicator of probability of occurrence in North Carolina, since long distance disjunctions to the mountains (from the north) and to the coastal plain (from the south) are frequent. In the coming years, some of the species on this list will almost certainly be added to the flora of North Carolina.

- Agalinis auriculata* (= *Tomanthera auriculata*) - P (mafic glades) - York County, SC [1 county]
Ageratina luciae-brauniae (= *Eupatorium l.*) - M (bases of overhanging cliffs) - KY, TN
Aletris obovata - C (savannas) - Baaufort County, SC [4]
Alnus incana ssp. *rugosa* - M (moist mountain slopes) - Nelson County, VA [4]
Amphianthus pusillus - P (pools on granitic flatrocks) - Lancaster County, SC [1]
Anemone canadensis - M - Rockingham County, VA [5]
Antennaria virginica - MP (rock outcrops) - Carroll & Patrick counties, VA [1]
Aralia hispida - M (dry rocky woods) - Augusta County, VA [4]
Armoracia lacustris - C (shallow water) - Southampton County, VA [1]
Asclepias cinerea - C (savannas) - Hampton & Jasper counties, SC [5]
Asclepias michauxii - C (savannas and pinalands) - Williamsburg & Floranca counties, SC [2]
Asclepias obovata - C (sandy pinelands) - Charleston County, SC [3]
Asclepias perennis - C (swamp forasts) - Marion County, SC [2]
Asplenium septentrionale - M (rock outcrops) - Monroe County, WV [4]
Asplenium trichomanes ssp. *quadrivalens* - MP (calcareous outcrops) - Gilas County, VA [3]
Asplenium X trudellii - PM (moist cliffs, acidic outcrops and bluffs) - Pittsylvania & Lae counties, VA [1]
Astragalus distortus - P (glades, dry shaly places) - Pittsylvania County, VA [1]
Baptisia perfoliata - SC (sandhills) - Laxington County, SC [4]
Batis maritima - C (salt and brackish marshas) - Charleston County, SC [3]
Berlandiera pumila - S (sandy woods and fiadds) - Chesterfield & Darlington counties, SC [1]
Bothriochloa saccharoides - M (dry opanings) - TN
Botrychium lunarioides - C (old fiadds, pasturas) - Richland & Charleston counties, SC [3]
Bouteloua curtipendula - PM (calcareous or mafic gladas) - Pulaski & Montgomery counties, VA [2]
Bromus kalmii - M - Augusta & Bath counties, VA [4]
Carex brevior (*C. molesta*) - M (dry woods) - Wytha County, VA [2]
Carex conjuncta - MC (masic woods) - Southampton & Russell counties, VA [1]
Carex pallescens - M (grassy balds) - Unicoi County, TN [1]
Carex polymorpha - M (dry upland woods or watland margins) - Augusta County, VA [4]

- Carex* sp. 3 - M (rich cove forests) - Oconee & Pickens counties, SC [1]
Carex vesicaria - M (bogs) - Grayson County, VA [1]
Ceratiola ericoides - CS (sandhills) - Horry County, SC [1]
Chamaecrista nictitans var. *aspera* - C (savannas) - Charleston County, SC [3]
Cheilanthes castanea - MP (dry, shaly outcrops) - Carroll, Pittsylvania, Pulaski, & Montgomery counties, VA [1]
Cheilanthes feei - M (calcareous outcrops) - Pulaski County, VA [2]
Cimicifuga rubifolia - M (cove forests) - Scott County, VA [2]
Cirsium nuttallii - C (savannas, roadsides) - Marion County, SC; Southampton County & Virginia Beach, VA [1]
Clematis reticulata - C - (dry sandy woods) - Darlington County, SC [2]
Collinsia verna - M - (rich moist woods) - Smyth County, VA [2]
Coreopsis grandiflora var. *grandiflora* - P (granite flatrocks) - Lancaster County, SC [1]
Coreopsis integrifolia - C (creekbanks and floodplains) - Berkeley County, SC [3]
Coreopsis rosea - C (drawdown zones of blackwater rivers, limesink ponds, clay-based Carolina bays) - Horry County, SC [1]
Cornus canadensis - M (mountain forests) - Bath & Albemarle counties, VA [4]
Cornus rugosa - M - Giles & Craig counties, VA [3]
Cypripedium kentuckiense - M (forests) - TN, KY
Cystopteris fragilis - M (acidic cliffs) - Giles County, VA [3]
Dasistoma macrophylla - P (glades) - York County, SC [1]
Delphinium carolinianum - P (glades) - Lancaster County, SC [1]
Desmodium floridanum - C - (dry sandy areas) - Beaufort & Jasper counties, SC [4]
Diarrhena americana - M (rich woods) - Carroll & Patrick counties, VA [1]
Dioscorea floridana - C (moist woods) - Williamsburg County, SC [3]
Draba aprica - P (granite outcrops) - Lancaster County, SC [1]
Dyschoriste humistrata - C (moist forests) - Charleston County, SC [3]
Dyschoriste oblongifolia - C (savannas) - Orangeburg County, SC [4]
Elephantopus elatus - C (dry pinelands) - Charleston County, SC [3]
Ellisia nyctelea - P (bottomlands, forest) - Pittsylvania County, VA [1]
Elytraria caroliniensis - C (low marly forests) - Berkeley County, SC [3]
Equisetum fluviatile - M (wet places, shallow water) - Augusta County, VA [4]
Equisetum sylvaticum - M (moist forests) - Shenandoah County, VA [6]
Eriocaulon ravenelii - C (savannas) - Berkeley County, SC [3]
Eryngium aquaticum var. *ravenelii* - C (savannas) - Berkeley County, SC [3]
Erythronium americanum ssp. *harperi* - M (moist forests) - Polk County, TN [1]
Eupatorium scabridum - C (savannas) - SC
Floerkea proserpinacoides - P (rich moist woods) - Fauquier County, VA [8]
Galactia elliotii - C (low moist areas) - Beaufort & Jasper County, SC [4]
Galium boreale - M (moist forests) - Wythe & Scott counties, VA [2]
Galium concinnum - M (dry forests) - Giles & Smyth Counties, VA [2]
Gaura filipes - CS (sandy areas) - Kershaw & Williamsburg counties, SC [2]
Gaylussacia brachycera - MP (dry acidic woodlands) - Carroll County, VA [1]
Gaylussacia mosieri - CS (seepages, savannas) - Lexington County, SC [3]
Gleditsia aquatica - C (swamp forests) - Williamsburg County, SC [3]
Glyceria acutiflora - M (wet openings) - Wythe County, VA [2]
Glyceria canadensis (sensu stricto, non RAB) - M (high elevation seeps) - VA
Glyceria grandis - MC - Floyd & James City counties, VA [2]
Habenaria quinqueseta - C (wet pinelands and forests) - Charleston & Berkeley counties, SC [3]
Honckenya peploides ssp. *robusta* - C (beaches and dunes) - Accomack County, VA [3]
Houstonia canadensis - M (rocky woods and outcrops) - Wythe, Pulaski, & Washington counties, VA [2]
Hudsonia ericoides - S (sandhills) - Chesterfield County, SC [1]
Hydrolea corymbosa - C
Hypericum harperi - C (clay-based Carolina bays) - Barnwell County, SC [5]
Isoetes macrospora - M (shoals in cold streams) - TN
Juncus brachycephalus - M (wet meadows) - GA; Giles County, VA [3]
Juncus dudleyi - MPC (paths) - Carroll & Southampton counties, VA [1]
Juncus gerardii - C (margins of brackish marshes) - Chesapeake city, VA [1]
Kalmia angustifolia (sensu stricto) - CM (pinelands, mountain bogs) - Southampton County, VA [1]
Kalmia hirsuta - C (savannas, pocosin edges) - Colleton & Beaufort counties, SC [4]
Liatris gracilis - CSP (pinelands, dry woodlands) - Laurens & Colleton counties, SC [2]
Liatris tenuifolia - S (sandhills) - Chesterfield, Lancaster, & Marlboro counties, SC [1]
Linnaea borealis - M (high elevation forests) - TN [1]
Lithospermum caroliniense - C (sandhills) - Isle of Wight County, VA; Calhoun & Lexington counties, SC [2]
Ludwigia spathulata - C (clay-based Carolina bays) - Lexington & Aiken counties, SC [4]

- Lycopodium annotinum* - M (moist, high elevation forests) - Grayson County, VA [1]
Magnolia pyramidata - P (rich woods) - Richland County, SC [3]
Maianthemum stellatum (= *Smilacina stellata*) - M - Bedford County VA; TN [2]
Micranthemum micranthemoides - C (tidal marshes) - Charles City County, VA [4]
Minuartia cumberlandensis - M (rock outcrops) - TN
Minuartia patula - PM (mafic or calcareous glades and outcrops) - Rockbridge County, VA [3]
Nolina georgiana - S (sandhills) - Kershaw County, SC [2]
Ophioglossum engelmannii - MP (glades over calcareous or mafic rocks) - Montgomery County, VA [3]
Ophioglossum pusillum - M (moist areas) - VA
Opuntia stricta var. *dillenii* - C (dunas) - Charleston County, SC [3]
Opuntia stricta var. *stricta* - C (dunas) - Charleston County, SC [3]
Oryzopsis racemosa - MP (dry woods) - Patrick County, VA [1]
Osmunda cinnamomea var. *glandulosa* - C (marshes, swamps) - VA
Paronychia virginica var. *virginica* - M (calcareous rock outcrops) - Wythe County, VA [2]
Paspalum plicatulum - C
Pellaea glabella ssp. *glabella* - M (limestone outcrops) - Wythe County, VA [2]
Pieris phillyreifolia - C (blackwater swamps, pocosins) - Charleston County, SC [3]
Pilularia americana - PM (muddy wet places, granite outcrops, pond margins) - TN, GA
Pinus glabra - C (bottomland forests) - Georgetown County, SC [2]
Pityopsis ruthii - M (riverside outcrops) - Polk County, TN [1]
Plantago maritima - C (salt marshes) - Accomack County, VA [3]
Platanthera leucophaea - M (damp calcareous meadows) - Augusta County, VA [4]
Poa wolfii - M (moist forests) - Rockingham County, VA [5]
Polygonella gracilis - SC (sandhills)
Pseudotaenidia montana - MP (dry shaly woods) - Bedford and Roanoke counties, VA [3]
Pyrola chlorantha - M (dry forests) - Page County, VA [6]
Pyrola secunda - MP (moist forests) - New Kent County, VA [5]
Quercus sinuata (*durandii*) - C (hills and streambanks) - SC
Quercus georgiana - P (granitic outcrops) - Kershaw & Spartanburg counties, SC [1]
Quercus oglethorpensis - CP (low woods) - Greenwood & Saluda counties, SC [4]
Ratibida pinnata - P (diabase glades) - York County, SC [1]
Rhamnus lanceolata - M (moist calcareous woodlands) - Pulaski County, VA [2]
Rhynchospora knieskernii - CS (peaty bogs) - NJ
Rhynchospora saxicola - P (granitic flatrocks) - GA, SC?
Ribes americanum - M (moist forests) - Rockbridge County, VA [3]
Ribes echinellum - P (rich woods) - McCormick County, SC [4]
Ribes lacustre - M (moist forests) - Bath County, VA [4]
Sabatia bartramii (= *S. dodecandra* var. *coriacea*) - C (pine savannas) - Hampton County, SC [6]
Sabatia brevifolia - C (savannas) - Berkeley County, SC [3]
Sabatia dodecandra var. *foliosa* - C (freshwater wetlands, ditches, streambanks) - Marion County, SC [2]
Sagittaria rigida - PM (swamps and ponds) - Nelson County, VA [4]
Schizachne purpurascens - M (dry rocky woods) - Highland County, VA [5]
Schizaea pusilla - CS (boggy sphagnum sites assoc. with white cedar) - NJ
Scirpus ancistrochaetus - M (temporary ponds) - VA
Scirpus verecundus - P (mesic banks and bluffs) - Grayson, Halifax, & Pittsylvania counties, VA [1]
Scutellaria incana var. *incana* - M (rocky woodlands) - Mercer County, WV [4]
Scutellaria mellichampii - C (sandy riverbanks) - Bamberg & Beaufort counties, SC [5]
Scutellaria montana - M (rocky woodlands) - GA, TN
Scutellaria multiglandulosa - P (woodlands) - Anderson County, SC [2]
Scutellaria parvula (sensu stricto, non RAB) - P (dry rocky openings) - VA
Sedum nevii (sensu stricto) - M (rock outcrops) - Polk County, TN [1]
Silphium dentatum var. *gatesii*
Smilax pumila - C (moist, maritime hardwood forests) - Horry County, SC [1]
Solidago hispida - M (calcareous woodlands) - TN; Walker County, GA [4]
Sparganium angustifolium - MC (ponds and streams) - TN; Virginia Beach city, VA [1]
Sparganium eurycarpum - MC (ponds and streams) - Pulaski County, VA [2]
Spigelia marilandica - PM (rich woods) - Greenville, Lancaster, & Pickens counties, SC [1]
Spiranthes lacera var. *lacera* - M (open areas) - TN, VA
Sporobolus curtissii - C (savannas) - GA
Sporobolus neglectus - M (mafic glades) - Montgomery & Lee counties, VA [3]
Stillingia aquatica - C (clay-based Carolina bays) - Allendale, Barnwell, & Hampton counties, SC [6]
Suaeda maritima - C (salt marshes) - VA, FL

- Sullivantia sullivantii* - M (cliffs)- Russell County, VA [2]
Thalictrum mirabile - M (cliff bases) - KY, TN
Toxicodendron radicans ssp. *negundo* - M - VA, WV
Toxicodendron rydbergii - M - VA, WV
Triadenum fraseri - M (bogs and swampy forests) - Giles County, VA [3]
Trillium cernuum (sensu stricto, non RAB) - M (wet woods) - Rappahannock & Fauquier counties, VA [7]
Trillium decumbens - M (rich woods) - TN; Pickens & Murray counties, GA [2]
Trillium lancifolium - P (rich forests) - Kershaw County, SC [2]
Trillium maculatum - PC (rich forests) - Berkeley County, SC [3]
Trillium nivale - M (moist calcareous forests) - Highland County, VA [5]
Trillium persistens - MP (acid woods under hemlock) - SC; Rabun County, GA [1]
Trillium reliquum - PC (rich river bluffs) - Aiken County, SC [5]
Urtica gracilis - M (limestone outcrops) - Giles County, VA [3]
Uvularia floridana - C (alluvial forests) - Berkeley & Charleston counties, SC [3]
Vaccinium angustifolium - M (forests and woodlands) - Wythe, Montgomery, & Pulaski counties, VA [2]
Vaccinium myrtilloides - M (forests and bogs) - Pulaski & Roanoke counties, VA [1]
Vaccinium oxycoccos - M (bogs) - Pocahontas County, WV [6]
Vaccinium sempervirens - SC (sphagnous seeps, savannas) - Lexington County, SC [4]
Vernonia angustifolia var. *scaberrima* - C (pinelands) - Marion County, SC [2]
Vernonia pulchella - SC (pinelands)
Veronica scutellata - M (swamps and bogs) - Grayson & Carroll counties, VA [1]
Viburnum obovatum - C (moist forests) - Horry County, SC [1]

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